

A
CATALOGUE

OF

THE MOTHS OF INDIA,

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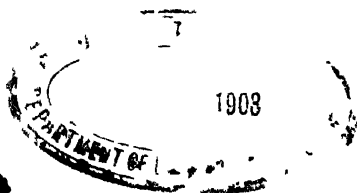
E C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM

AND

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. I.—SPHINGES.



CALCUTTA :

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1887.

HEXAPODA.

ORDER LEPIDOPTERA.

SUB-ORDER HETEROCERA.

FAMILY SPHINGIDÆ.

Sub-family I —MACROGLOSSINÆ

Genus *Sataspes*

1 *SATASPES INFERNALIS*.

Sena infernalis, Westw Cab Or Ent., p 61, pl. 30, fig 3, (1848)
Macroglossa infernalis, Walker, Cat Lep Het B M viii, p 95, No 19, (1856).
Sataspes infernalis, Moore, Cat Lep E I Comp Mus i, p 261, No 597, (1857)
Butler, Trans Zool Soc, Lond ix, 1876, p 517

Recorded from Sylhet, Sibsagar, Sikkim, Nepal, Coimbatore.
In Indian Museum are specimens from Sibsagar and Buxa.
In Collection, Swinhoe, from Sylhet

2 *SATASPES UNIFORMIS*.

Sataspes uniformis, Butler, Proc Zool Soc Lond 1875, p 3 No 1
Trans. Zool Soc Lond ix, 1876, p 518.
var *Sataspes infernalis*, Boisd, Sp Gen Lep 1, pl 10, figs 1, 2, (1875) *
Recorded from Sylhet.
Closely allied to *Sataspes infernalis*.
Type is in British Museum.

3 *SATASPES VENTRALIS*

Sataspes ventralis, Butler, Proc Zool Soc Lond 1875, p 3, No 2
Trans Zool Soc Lond ix, 1876, p 518
Sataspes tagalica, Boisd, Sp Gen Lep, p 278, pl 10, figs 3, 4, (1875) *
Recorded from Sylhet, Hongkong.
Type is in British Museum.

Genus *Hemaris*

4 *HEMARIS SAUNDERSII*

Macroglossa saundersii, Boisd MS *
Sena saundersii Walker, Cat Lep Het B M viii, p 83, No 7, (1856).
Hemaris saundersii, Butler, Trans Zool Soc Lond ix, 1876, p 520

Recorded from Masui, Sikkim, Kulu, Kunawar.
In Indian Museum are specimens from Kulu in Collection,
Swinhoe, from Sikkim.

5 HEMARIS HYLAS.

- Sphinx hylas*, Linn, Mant 1 p 539, (1771).*
- Sphinx picus*, Cramer, Pap Exot ii, p 83 pl. 148, fig B, (1777)
- Sesia hylas*, Fabi, Ent Syst iii, 1, p 379, No 3, (1793)
- Walker, Cat. Lep Het viii, p 84, (1856)
- Moore, Cat. Lep Mus. E. I Comp 1, p 260, pl 8, figs 1, 1a, (1867)
- Cephenodes hylas*, Hubner, Verz Bek Schmett, p 181, No 1402 (1816)
- Moore, Lep Ceyl ii, p 31, pl 93, fig 4, (1882)
- Macroglossa kingi*, McLeny, King's Survey of Australia, App, p 465, No 167, (1827) *
- Sesia cunninghami*, Walker, Cat Lep Het. viii, p 85, No 10, (1856)
- Macroglossa cunninghami*, Schauffuss, Nunquam Otiosus 1, p 22, (1870) *
- Hemaris hylas*, Saalmuller, Lep Madag 1, p 117, pl 3, fig 40 *
- *Microglossa apus*, Boisd, Faun Ent Madag, pl 79, No 2, pl 10, fig 4 (1833) *
- Transformations, Butler, Trans Zool Soc Lond ix 1876, p 522, pl 90 figs 4 5
- Dewitz, Verh L C Ak 44, p 266 pl 9, figs 9a, 9b *
- Moore, Lep Ceyl ii, p 31, pl 93, figs. 4a 4b, (1882)

Recorded from Japan, China, Australia, all parts of India, Ceylon, Africa

In Indian Museum are specimens from Karachi, Kulu, Sikkim, Sylhet, Cachar, Calcutta, Bangalore, Ceylon

In Collection, Swinhoe, from Decsa, Bombay, Karachi, Mhow, Belgaum, Sattara, Poona, Darjiling, Matheran, Ceylon.

6 HEMARIS CYANIRIS

Hemaris cyaniris Kirby Trans Ent Soc Lond 1877 p 239

Recorded from Sylhet and Mauritius

Allied to *Hemaris hylas*, Linn

Genus **Rhopalopsyche**

7 RHOPALOPSYCHE BIFASCIATA

Rhopalopsyche bifasciata, Butler Proc Zool Soc Lond 1875, p 239 pl 96, fig 4

Allied to *Rhopalopsyche nycteris*, Kollar.

Type in Collection, F Moore

Recorded from S India

8 RHOPALOPSYCHE NYCTERIS.

Macroglossa nycteris, Kollar Hugel Kashmir, iv, 2, p 458, pl 19, fig 5, (1844)

Macroglossa volucris Walker, Cat Lep Het B M viii, p 94 No 16, (1856)

Rhopalopsyche nycteris, Butler, Trans Zool Soc Lond ix, 1876, p 521

Recorded from Sylhet, Kasauli, Masuri, Simla, Banackpur

In Indian Museum are specimens from Sikkim, Shillong, N.

Khasi Hills, Kulu

In Collection, Swinhoe, from Kasauli, Sikkim.

Genus **Macroglossa**

9 MACROGLOSSA STELLATARUM

Sphinx stellatarum, Linn, Syst Nat 1, 2 p 808, No 27, (1767)

Sesia stellatarum, Fabr, Ent Syst iii, 1, p 380 No 5, (1793)

Prithyos stellatarum, Hüb., Verz. Bek. Schmett., p. 132, No 1409, (1816)

Walker, Cat. Lep. Het. B. M. viii, p. 86, (1856)

Macroglossa stellatarum, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514, No 8
Trans. Ent. Soc. Lond. 1885, p. 347.

Recorded from Europe, Africa, and Asia.

In Indian Museum are specimens from S.-W. Bohemia, Transcaucasus, Calcutta, Kulu.

In Collection, Swinhoe, are specimens from the Punjab, Persia, Afghanistan, and Sind.

10. *MACROGLOSSA INSIPIDA*.

Macroglossa insipida, Butler, Proc. Zool. Soc. Lond. 1875, p. 242, No 12.

Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 92, fig. 3 imago, figs. 3a, 3b, larva and pupa.

Recorded from Ceylon.

In Collection, Swinhoe, are specimens from Ceylon.

11. *MACROGLOSSA AFFICTITA*.

Macroglossa affictita, Butler, Proc. Zool. Soc. Lond. 1875, p. 240, pl. 36, fig. 7

Trans. Zool. Soc. Lond. ix, 1876, p. 524

Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 3

Nearly allied to *M. gyrans*, *M. belis*, and *M. vialis*.

Type in Collection, F. Moore.

Recorded from Ceylon, Bangalore, Kanara.

In Indian Museum are specimens from Bangalore, Ceylon.

12. *MACROGLOSSA VIALIS*.

Macroglossa vialis, Butler, Proc. Zool. Soc. Lond. 1875, p. 240, pl. 36, fig. 5.

Trans. Zool. Soc. Lond. ix, 1876, p. 524

Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 2

Allied to *M. gyrans*.

Type in Collection, F. Moore.

Recorded from Kanara, Ceylon.

13. *MACROGLOSSA GYRANS*.

Macroglossa gyrans, Walker, Cat. Lep. Het. B. M. viii, p. 91, No. 11, (1856).

Boisd., Spec. Gén. Lep. Het. 1875, p. 336 *

Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 524

Moore, Lep. Ceyl. ii, 1882, p. 30, pl. 93, fig. 1.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from N. India, Bengal, Bombay, Madras, Neilgherries, Ceylon.

In Indian Museum are specimens from Behar, Cachar.

In Collection, Swinhoe, from Mhow, Poona, Karachi, Deesa, Bombay.

14. *MACROGLOSSA REGULUS*.

Macroglossa regulus, Boisd., Spec. Gén. Lep. Het. 1875, i, p. 335 *

Butler, Trans. Zool. Soc. Lond. ix, 1876, p. 633.

Recorded from Coromandel.

Allied to *M. gyrans*.

15. *MACROGLOSSA FERVENS*

Macroglossa fervens Butler, Proc Zool Soc Lond 1875, p 4, pl 1, fig 3
 Trans Zool Soc Lond. ix, 1876, p 525.

Allied to *M. gyans* and *M. approximata*.

Recorded from Kanara

Type is in British Museum.

16. *MACROGLOSSA BOMBYLANS*

Macroglossa bombylans, Boisd, Spec Gén Lep Het 1875, p 334 *

Butler, Trans Zool Soc Lond ix, 1876, p 525

Macroglossa gilia, Walker (nec Herrich Schaffer), Cat Lep Het B M viii,
 p 93, No 15, (1856)

Recorded from N. India, Nepal, Dehra Dun, Java, Hongkong,
 Madagascar

In Collection, Swinhoe, are specimens from India

17. *MACROGLOSSA LEPCHA*

Macroglossa lepcha, Butler, Trans Zool Soc Lond ix, 1876, p 635

Recorded from Calcutta.

Allied to *M. bombylans*

18. *MACROGLOSSA BELIS*

Sphinx belis, Cramer, Pap Exot i, p 147, pl 94, fig C (1776)

Macroglossa assimilis Swainson Zool Ill Ser i, 1820 vol i pl 64 *

Macroglossa zena, Boisd Spec Gén Lep Het 1875, i, p 337 *

Macroglossa phyrkhula, Boisd, l c, p 338 *

Macroglossa belis, Butler, Trans Zool Soc Lond ix 1876, p 526, pl 90, figs 6, 7,
 larva and pupa

——— Swinhoe, Proc Zool Soc Lond, 1885, p 287

Recorded from the Himalayas, Simla, Bombay, Kanara, China.

In Indian Museum are specimens from Sikkim, Buxa, Shillong,
 Cachar, Kulu, Calcutta In Collection, Swinhoe, from Kanchi

19. *MACROGLOSSA LUTEATA*.

Macroglossa luteata, Butler, Proc Zool Soc Lond 1875 p 241, pl 37, fig 5
 Trans Zool Soc Lond ix, 1876, p 526

Allied to *M. proxima*, Butler.

Recorded from Sylhet.

Type in Collection, F Moore.

In Indian Museum are specimens from Cachar.

In Collection, Swinhoe, from Sylhet.

20. *MACROGLOSSA PROXIMA*.

Macroglossa proxima, Butler, Proc Zool Soc Lond 1875, p 4, pl 1, fig 1

Trans Zool Soc Lond ix 1876, p 526

——— Moore, Lep Ceyl ii, 1882, p 29, pl 91, figs 1, 1a, 1b, larva,
 pupa, and imago

Recorded from Ceylon, Sylhet, Kanara

In Indian Museum are specimens from Subsagar.

In Collection, Swinhoe, from Ceylon.

21. *MACROGLOSSA AQUILA*

Macroglossa aquila, Boisd., Spec Gén Lep Het 1, 1875, p. 340.*
 Butler, Trans. Zool Soc ix, 1876, p. 633.

Allied to *M. proxima*, Butler.
 Recorded from Sylhet.

22. *MACROGLOSSA TAXICOLOR.*

Macroglossa taxicolor, Moore, Proc Zool. Soc Lond. 1879, p. 387.
 Lep Ceyl ii, 1882 p. 29, pl. 90, fig. 3, imago,
 fig. 3a, larva

Recorded from Ceylon.
 In Collection, Swinhoe, are specimens from Ceylon.

23. *MACROGLOSSA INTERRUPTA.*

Macroglossa interrupta, Butler Proc Zool Soc Lond 1875, p. 242, pl. 37, fig. 2
 — Trans Zool Soc Lond ix, 1876, p. 526

Recorded from Darjiling.
 Type in Collection, F. Moore.

24. *MACROGLOSSA SITIENE.*

Macroglossa sitiene, Walker, Cat Lep Het. B M viii, p. 92, No 13, (1856).
 Butler, Trans Zool Soc. Lond ix, p. 527, (1876).

Recorded from Sylhet, Moulmein, Sikkim, Dalhousie, Natal.
 Type is in British Museum.
 In Collection, Swinhoe, are specimens from Dalhousie and Sikkim.

25. *MACROGLOSSA GILIA.*

Macroglossa gilia, Herrich Schaffer, Samml. Ausser Eur. Schmett., pl. 23, fig.
 107, (1850)*
 — Walker, Cat Lep Het B M viii, p. 93, No 15, (1856)
 — Butler, Trans Zool Soc. Lond ix, p. 527, pl. 90, fig. 9, larva,
 fig. 10, pupa, (1876)

Recorded from Nipal, Sylhet, Darjiling, Java.
 Type is in the British Museum.
 In Indian Museum are specimens from Sibsagar, Shillong,
 Cachar, Buxa, Sikkim, Utacamand.
 In Collection, Swinhoe, from Assam and Sikkim.

26. *MACROGLOSSA CATAPYRRHA.*

Macroglossa catapyrrha, Butler, Proc. Zool Soc Lond 1875 p. 243, pl. 36, fig. 6.
 Trans. Zool Soc Lond. ix, p. 528, (1876)

Recorded from North India, Ceylon.
 In Collection, Swinhoe, are specimens from Buxa, Bhutan.

27. *MACROGLOSSA ORIENTALIS.*

Macroglossa orientalis, Butler, Trans Zool. Soc Lond ix, p. 528, (1876).

Recorded from Moulmein
 Allied to *M. sitiene*.

28. *MACROGLOSSA BENGALENSIS*

Macroglossa bengalensis, Boisd, Spec. Gén. Lep. Het. i, p. 341, (1875) *
Butler, Trans. Zool. Soc. Lond. ix, p. 633, (1876).

Recorded from Pondicherry.

29. *MACROGLOSSA HEMICHROMA*.

Macroglossa hemichroma, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 37, fig. 1.
Trans. Zool. Soc. Lond. ix, p. 523, (1876)

Recorded from Sylhet.
Type is in Collection, F. Moore.

30. *MACROGLOSSA FRINGILLA*.

Macroglossa fringilla, Boisd, Spec. Gén. Lep. Het. i, p. 352, (1875) *
Butler, Trans. Zool. Soc. Lond. ix, p. 633, (1876).

Recorded from India.

31. *MACROGLOSSA IMPERATOR*.

Macroglossa imperator, Butler, Proc. Zool. Soc. Lond. 1875, p. 243, pl. 37, fig. 4.
Trans. Zool. Soc. Lond. ix, p. 523, (1876)
Rhamphoschisma imperator, Moore, Lep. Ceyl. ii, p. 27, pl. 90, fig. 1, (1882).

Recorded from Ceylon.
Allied to *M. Mitchellii*, Boisd
Type is in Collection, F. Moore.
In Indian Museum is a specimen from Sikkim.

32. *MACROGLOSSA RECTIFASCIA*.

Rhamphoschisma rectifascia, Felder, Reise Novara, Lep. iv, pl. 75, fig. 7, (1874).
Moore, Lep. Ceyl. ii, p. 27, pl. 90, fig. 2, (1882).
Macroglossa rectifascia, Boisd, Spec. Gén. Lep. Het. i, p. 353, (1875) *

Recorded from Ceylon.
In Collection, Swinhoe, are specimens from Ceylon.

33. *MACROGLOSSA DIVERGENS*

Macroglossa divergens, Walker, Cat. Lep. Het. viii p. 94, No. 17, (1856).
Boisd, Sp. Gen. Lep. Het. i, p. 355, (1875) *
Rhamphoschisma divergens, Moore, Lep. Ceyl. ii, p. 27, pl. 92, fig. 2, (1882)

Recorded from Ceylon.

34. *MACROGLOSSA NIGRIFASCIATA*.

Macroglossa nigrifasciata, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 37,
fig. 3
Rhamphoschisma nigrifasciata, Moore, Lep. Ceyl. ii, p. 28, pl. 92, fig. 1, (1882).
Recorded from Ceylon.

35. *MACROGLOSSA GLAUOPTERA*

Macroglossa glauoptera, Butler, Proc. Zool. Soc. Lond. 1875, p. 241, pl. 36,
fig. 9.
Rhamphoschisma glauoptera, Moore, Lep. Ceyl. ii, p. 28, pl. 91, fig. 2, (1882).
Recorded from Ceylon.

Genus **Rhodosoma**

36 RHODOSOMA TRIOPUS.

Macroglossa triopus, Westw, Cab. O. Ent., p. 14, pl. 6, fig. 4, (1848)
 ——— Walker Cat. Lep. Het. B. M. viii, p. 95, No. 18, (1856)
Rhodosoma triopus, Butler, Trans. Zool. Soc. Lond. ix, 534, (1876).

Recorded from Sylhet, Assam.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sikkim.

Genus **Lophura**

37 LOPHURA MASURIENSIS.

Lophura masuriensis, Butler, Proc. Zool. Soc. Lond. 1875, p. 244, pl. 36, fig. 3
 ——— Trans. Zool. Soc. Lond. ix, p. 537, (1876)

Recorded from Masuri, N.-W. Himalayas, Assam.

Type in Collection, F. Moore.

In Indian Museum are specimens from Sibsagar.

In Collection, Swinhoe, from Sibsagar.

38 LOPHURA PUSILLA.

Lophura pusilla Butler, Proc. Zool. Soc. Lond. 1875, p. 244, No. 17, (1875)
 ——— Trans. Zool. Soc. Lond. ix, p. 537, (1876)

Recorded from Sylhet.

Type in Collection, F. Moore.

In Indian Museum is a specimen from Cachar.

39 LOPHURA PUMILIO

Lophura pumilio, Boisd, Spéc. Gén. Lep. Het. i, p. 311, (1875) *
 ——— Butler, Trans. Zool. Soc. Lond. ix, p. 632, (1876)

Recorded from Sylhet

Closely allied to *L. pusilla*, Butler

40 LOPHURA HYAS

Lophura hyas, Walker Cat. Lep. Het. B. M. viii, p. 107, No. 3 (1856)
 ——— Butler, Trans. Zool. Soc. Lond. ix, p. 538, pl. 90, figs.
 1, 2, 3, larva and pupa, (1876)

Recorded from Hongkong, Java, Sylhet.

In Collection, Swinhoe, is one example from Sikkim, and a very pale, but otherwise identical, specimen from Mhow.

41. LOPHURA ASIIFORMIS

Sphinx asiliformis, Fabr. Ent. Syst. iii, i, p. 357, No. 7, (1793)
Thyris (?) asiliformis, Walker Cat. Lep. Het. B. M. viii, p. 260, (1856)
Lophura asiliformis, Butler, Trans. Zool. Soc. Lond. ix, p. 538, (1876)

Recorded from India.

42. *LOPHURA HIMACHALA*.

Lophura himachala, Butler, Proc. Zool. Soc. Lond. 1875, p. 621.
 ———— Trans. Zool. Soc. Lond. ix, p. 686, (1876)

Recorded from N.-E. Himalayas.

43. *LOPHURA EREBINA*.

Lophura erebina, Butler, Proc. Zool. Soc. Lond. 1875, p. 621
 ———— Trans. Zool. Soc. Lond. ix, p. 636, (1876).

Recorded from N.-W. India

Sub-family II.—*CHAMROCAMPINÆ*.Genus *Acosmeryx*44. *ACOSMERYX CINEREA*.

Acosmeryx cinerea, Butler, Proc. Zool. Soc. Lond. 1875, p. 245
 ———— Ill. Typ. Lep. Het. B. M. v, p. 1, pl. 78, fig. 1, (1881).
 ———— Moore, Lep. Ceyl. ii, p. 24, pl. 89, fig. 2, imago, fig. 2a, larva
 and pupa, (1882)
Acosmeryx shervillii, Boisd., Sp. Gén. Lep. Het. i, p. 216, (1875) *
 ———— Butler, Trans. Zool. Soc. Lond. ix, p. 631, (1876)

Recorded from Sylhet, Sikkim, Ceylon.

Allied to *A. sericeus*.

Type is in British Museum.

In Indian Museum are specimens from Sibsagar and Sikkim.

In Collection, Swinhoe, from Sylhet and Sikkim

45. *ACOSMERYX SERICEUS*.

Phylampelus sericeus, Walker, Cat. Lep. Het. B. M. viii, p. 181, No. 13, (1856).
Acosmeryx anceoides, Boisd., Sp. Gén. Lep. Het. i, p. 216, (1875) *
Acosmeryx sericeus, Butler, Trans. Zool. Soc. Lond. ix, p. 544, (1876).
 ———— Ill. Typ. Lep. Het. B. M. v, p. 1, pl. 78, fig. 2,
 (1881)

Recorded from Sylhet, Sikkim.

Type is in British Museum.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sylhet and Sikkim.

46. *ACOSMERYX ANCEUS*.

Sphinx anceus, Cramer, Pap. Exot. iv, p. 124, pl. 355, fig. A (1781).
Eryx anceus, Hubner, Verz. Bek. Schmett., p. 132, No. 1423, (1816)
 ———— Walker, Cat. Lep. Het. B. M. viii, p. 119, (1856)
Phylampelus anceus, Moore, Cat. Lep. E. I. Comp. Mus. i, p. 270, No. 624, pl. 9,
 figs. 4, 4a, larva and pupa, (1857).
Acosmeryx anceus, Butler, Trans. Zool. Soc. Lond. 1876, p. 544, pl. 90, figs.
 11 and 12, larva and pupa.

Recorded from Amboina, Java, Penang, Sylhet, Sikkim, S. India.

In Indian Museum is a specimen from Sikkim.

In Collection, Swinhoe, from Sylhet and Sikkim.

47. *ACOSMERYX PSEUDONAGA*.

Acosmeryx pseudonaga, Butler, Ill. Typ. Lep. Het. B. M. v, p. 2, pl. 88, fig. 3, (1881).

Recorded from Bhutan.

Allied to *A. naga*.

48. *ACOSMERYX NAGA*.

Philampelus naga, Moore, Cat. Lep. E. I. Comp. Mus. 1, p. 271, (1857).

Walker, Cat. Lep. Het. B. M. xxxi, p. 33, (1864).

Recorded from Sikkim, Simla.

In Indian Museum are specimens from Sikkim; in Collection Swinhoe, from Sikkim and Simla.

Genus *Ampelophaga*.49. *AMPELOPHAGA FASCIOSA*.

Ampelophaga fasciosa, Moore, M. S., not yet described (May, 1886).

Allied to *A. rubiginosa*, Bremer and Grey. (Pekin).

In Indian Museum are specimens from Kulu; in Collection, Swinhoe, from Simla and Sikkim.

Genus *Elibia*.50. *ELIBIA DOLICHUS*.

Charocampa dolichus, Westw., Cat. Or. Ent., p. 61, pl. 30, fig. 1, (1848).

Elibia dolichus, Walker, Cat. Lep. Het. B. M. viii, p. 149, No. 1, (1856).

Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Recorded from Sylhet and Sikkim.

Type is in British Museum.

In Indian Museum are specimens from Sikkim and Sibsagar.

In Collection, Swinhoe, from Sylhet and Sikkim.

51. *ELIBIA DOLICHOIDES*.

Philampelus dolichoides Felder, Reise Novara Lep. iv, pl. 76, fig. 8, ♀, (1874).

Pergesa dolichoides, Moore, Proc. Zool. Soc. Lond. 1874, p. 577.

Elibia dolichoides, Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Recorded from Sikkim.

In Collection, Swinhoe, from Sikkim.

Genus *Pergesa*.52. *PERGESA ACUTA*.

Zonitis acuta, Walker, Cat. Lep. Het. B. M. viii, p. 195, No. 7, (1856).

Pergesa (?) acuta, Butler, Trans. Zool. Soc. Lond. ix, p. 547, (1876).

Pergesa castor, (part), Walker, Cat. Lep. Het. B. M. viii, p. 153, No. 5, (1856).

Recorded from Sylhet, Java.

53. *PERGESA ACTEUS*.

Sphinx acteus, Cramer, Pap Exot iii, p 98, pl 248, fig A, (1779)

Oreus acteus, Hubner, Verz Bek Schmott, p. 136, No 1462 (1816) *

Pergesa acteus, Walker, Cat Lep Het B M viii, p 153, No 6, (1856)

———— Moore, Cat Lep Mus E I Comp i, p 272, pl. 10, figs 1, 1a,
larva and pupa, (1857)

———— Butler, Trans Zool Soc Lond ix, p 548, (1876)

———— Moore, Lep Cyl ii, p 23, pl 88, fig 1, imago, fig 1a, larva
and pupa (1882)

———— Swinhoe, Proc Zool Soc Lond 1885, p 288

Charocampa acteus, Boisdu, Sp Gén Lep Het i, p 257, (1875) *

Recorded from Sylhet, Bengal, Moultain, Ceylon, Borneo, Java
In Indian Museum are specimens from Calcutta, Sibsagar,
Sikkim, Kulu, Ceylon, and the Andaman Islands
In Collection, Swinhoe, from Solun, Daijiling, Belgaum, Poona,
Sylhet

54. *PERGESA VFLATA*.

Pergesa velata Walker, Cat Lep Het B M xxxi, p 1853, (1866)

———— Butler, Trans Zool Soc Lond ix p 548 (1876)

———— Ill Typ Lep Het B M v, p 3 pl 78, fig 5 (1881)

Pergesa castor, Moore, (nec Walker,) Cat Lep Mus E I. Comp i, p 273, (1857)

Recorded from Daijiling.

Type is in British Museum

In Indian Museum are specimens from Sikkim

In Collection, Swinhoe, from Sikkim

55. *PERGESA OLIVACEA*.

Pergesa olivacea Moore, Proc Zool Soc Lond 1872 p 567

———— Butler Trans Zool Soc Lond ix, p 548, (1876)

Pergesa castor, var B, Walker, Cat Lep Het B M viii, p 153 No 5, (1856),

Recorded from Sylhet, Simla

In Indian Museum are specimens from Shillong, North Khasi
Hills, Sikkim

In Collection, Swinhoe, from Simla, Sikkim, Sylhet

56. *PERGESA* (?) *MACROGLOSSOIDES*.

Perignonia macroglossoides, Walker, Cat Lep Het B M xxxv, p 1851, (1866)

Pergesa (?) *macroglossoides*, Butler Trans Zool Soc Lond ix, p 548, (1876)

Recorded from Daijiling.

57. *PERGESA CASTANEA*.

Pergesa castanea, Moore, Proc Zool Soc Lond 1872 p 567

———— Butler, Trans Zool Soc Lond ix, p 549, (1876)

———— Waterhouse, Aid, i, pl 56, (1882)

———— Swinhoe, Proc Zool Soc Lond 1885, p 288, No 7.

Recorded from Bombay

Type is in Collection, F Moore

In Collection, Swinhoe, are specimens from Sattara.

58. *PERGESA VAMPYRUS*

Sphinx vampyrus, Fabr, Mant. Ins ii, p 98, No 66, (1787)

Pergesa vampyrus, Butler, Trans Zool Soc Lond ix, p. 549, (1876)

Recorded from E. Indies.

59. *PERGESA ÆGROTA*.*Pergesa ægrotæ*, Butler, Proc Zool Soc Lond. 1875, p 246.

Trans. Zool. Soc. Lond ix, p. 549, pl 92, fig 2, (1876).

Recorded from Sylhet.

Type is in Collection, F. Moore.

60. *PERGESA AURIFERA*.*Pergesa aurifera*, Butler, Proc Zool Soc Lond 1875, p 7, No 11.

Trans Zool Soc Lond ix, p 549, (1876).

Ill Typ Lep Het. B. M v, p 2, pl 78, fig 4., (1881)

Recorded from Sikkim

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from N.-E. Himalayas and Sikkim.

61. *PERGESA GLORIOSA*.*Pergesa gloriosa*, Butler, Proc Zool Soc Lond 1875, p 246

Trans. Zool Soc Lond ix, p 549, pl 92, fig 3, (1876)

Ill Typ Lep Het B M, p 3, pl 78, fig 6, (1881)

Recorded from Darjiling.

Type is in Collection, F Moore.

In Collection, Swinhoe, are specimens from Darjiling.

Genus *Panacra*62. *PANACRA BUSIRIS*.*Panacra busiris* Walker, Cat Lep Het. B M. viii, p 158, No 6. (1856)

Butler, Trans. Zool Soc Lond ix, p. 549, (1876)

Ill. Typ Lep Het B. M v, p. 6, pl 79, fig 2, (1881)

Recorded from Sylhet, Sikkim.

Type is in the British Museum.

In Indian Museum is one specimen from Sikkim.

In Collection, Swinhoe, from India.

63. *PANACRA TESTACEA**Perigonia testacea*, Walker, Cat Lep. Het B. M. viii, p 102, ♂, (1856), and
xxvi, p 29, (1864).*Agonyx emilia*, Boisd, Sp Gén Lep Het, p 318, pl 8, fig. 1, ♂, (1875).*Panacra ella*, Butler, Proc Zool Soc Lond 1875, p 216

Trans Zool Soc Lond ix, p 550, pl 92, fig 7 ♀, (1876).

Agonyx testacea, Moore, Lep. Ceyl. ii, p 26, pl 89, fig. 1, (1882).

Recorded from Sylhet and Ceylon.

Butler's type is in Collection, F. Moore.

'Walker's and Butler's descriptions are from faded specimens,
(Moore).64. *PANACRA ASSAMENSIS*.*Deilephila assamensis*, Boisd MS.**Panacra assamensis*, Walker, Cat. Lep Het. B M. viii, p. 160, No. 9, (1856).

Butler, Trans. Zool. Soc. Lond. ix, p. 550, (1876).

Recorded from Sylhet.

Type is in the British Museum.

65. PANACRA AUTOMEDON.

Deslephila automedon, Boisd., MS *

Panacra automedon, Walker, Cat Lep Het B M viii, p. 154, No 1 ♀, (1856)

Panacra truncata, Walker, l c, p. 160, No 8, ♂, (1856).

Aqonyx automedon, Butler, Ill Typ Lep Het B M v, p. 6, pl. 79, fig. 1, (1881)

Recorded from Sylhet

Type is in the British Museum

In Collection, Swinhoe, are specimens from India.

66. PANACRA MYDON

Deslephila Mydon, Boisd., MS *

Panacra Mydon, Walker, Cat Lep Het B M viii, p. 155, No 2, (1856)

Butler, Ill Typ Lep Het. B M v, p. 5, pl. 78, fig. 9 (1881)

Panacra scapularis (Part), Walker, l c, p. 157, No 5, (1856)

Recorded from Sylhet and Barackpur

In Indian Museum are specimens from Sibsagar

In Collection, Swinhoe, from Sibsagar.

67. PANACRA MINUS

Sphinx minus Fabr., Mant Ins ii, p. 96, No 44, (1787)

Butler Trans Zool Soc Lond ix p. 550, (1876)

Charocampa minus Walker, Cat Lep Het B M viii, p. 262, (1856)

Recorded from India

68. PANACRA METALLICA.

Panacra metallica, Proc Zool Soc Lond 1875 p. 6, No 9

Trans Zool Soc Lond ix, p. 550, (1876)

Allied to *P. mydon*

Recorded from N India

Type is in the British Museum

69. PANACRA VARIOLOSA.

Panacra variolosa, Walker, Cat Lep Het B M viii, p. 156, No 4, (1856)

Butler Trans Zool Soc Lond ix, p. 550, (1876)

Recorded from Sylhet and Sikkim

Allied to *P. vagans*.

In Indian Museum is a specimen from Sikkim

70. PANACRA SCAPULARIS.

Panacra scapularis, Walker, Cat Lep Het B M viii, p. 157, No 5, (1856)

Moore, Cat Lep E I Comp Mus, p. 269 pl. ix, figs 5, 5a,
larva and pupa, (1857)

Butler, Trans Zool Soc Lond ix, p. 551, (1876)

var *Panacra elegantulus*, Herrich Schaffer, Aus Europ Schmett, pl. 83, fig. 479,
(1858) *

Recorded from Java and Sylhet.

In Indian Museum are two doubtful specimens from Sibsagar.

71. PANACRA VIGIL

Sphinx viol., Guer, Delessert's Voy dans l Inde, pl. ii, p. 80, pl. 23 fig. 1, (1848).

Sphinx phanyx, Herr Schaffer, Aus Europ Schmett, pl. 83, fig. 478, (1858)

Panacra lignaria (part), Walker, Cat Lep. Het B M viii, p 156, (1856)

Anceryx phanyx, Walker, Cat Lep Het B M, vol xxxi, p 86, (1864)

Panacra vigil, Moore, Cat Lep Mus E I Comp i, p 270, (1857)

———— Semper, Verhandl. Zool Botan Gesell. Wien, p 699, (1867)

———— Butler, Trans Zool Soc Lond ix, p 551, (1876)

———— Moore, Lep Ceyl ii, p 25, pl 87, figs 3, 3a, 3b, imago, larva and pupa, (1882)

———— Swinhoe, Proc Zool Soc Lond 1885, p 287

Recorded from Coimbatore, Bombay, S India, Ceylon, and Philippine Islands

In Collection, Swinhoe, are specimens from Poona, Bombay, Lower Burma.

72. PANACRA (?) BUBASTUS.

Sphinx bubastus, Cramer Pap Exot ii, p 84, pl 149, fig E, (1777).

Amblypterus bubastus Hubner, Verz Bek Schmett, p 143, No 1431, (1816)

Calliommata bubastus, Walker Cat Lep Het B M viii, p 112 No 6 (1856)

Panacra (?) bubastus, Butler, Trans Zool Soc Lond ix, p 551, (1876)

Recorded from Coimandel.

73. PANACRA PERFECTA.

Panacra perfecta, Butler, Proc Zool Soc Lond 1875, p 391

———— Trans Zool Soc Lond ix, p 637, (1876)

———— Ill Typ Lep Het B M v, p 4, pl 78, fig 8, (1881)

Recorded from Darjiling

Type is in the British Museum

In Indian Museum is one specimen from Sikkim.

74. PANACRA VAGANS.

Panacra vagans, Butler, Ill Typ Lep Het B M. v, p 4, pl 78, fig 7, (1881)

Recorded from Borneo and Bhutan.

Allied to *P. varivola*.

75. PANACRA INSIGNIS.

Panacra insignis, Butler, Ann Nat Hist, vol x, p 432, (1882)

Recorded from the Andaman Islands.

Allied to *P. vigil*.

Genus *Microlophia*.

76. MICROLOPHIA SCULPTA.

Microlophia sculpta, Felder, Reise Novara Lep, pl 75, fig 9, (1874)

———— Butler, Trans Zool Soc Lond ix, p 552, (1876)

Recorded from S. India and Siam

Type is in Collection, F. Moore.

Genus *Cypa*.

77. CYPA INCONGRUENS.

Cypa incongruens, Butler, Ill. Typ Lep Het B M. v, p 12, pl 80, figs 8 and 9, (1881).

Recorded from Darjiling.

In Indian Museum is a specimen from Sikkim.

78. *CYPA FERRUGINEA*.

- Cypa ferruginea*, Walker, Cat Lep Het B M xxxi, p 42, (1864)
 ———— Boisd, Sp Gén Lep Het B M, p 58, (1875) *
 ———— Butler, Trans Zool Soc Lond ix, p 554, (1876)
 ———— Moore, Lep Ceyl ii, p 8, pl 79, fig 3, (1882)

Recorded from Ceylon.

Genus *Chærocampa*.79. *CHÆROCAMPA ELPENOR*

- Sphinx elpenor*, Linn, Faun Suec, p 288 No 1089 (1716) *
Oreus elpenor, Hubner, Verz Bek Schmett, p 136, No 1463 (1816)
Deilephila elpenor, Stevens, Ill Brit Ent Haust. i, p 131, (1828) *
Chærocampa elpenor, Westw and Humph, Brit Moths i, p 22, pl 51, figs 7
 and 8 (1843 45) *
 ———— Butler, Trans Zool Soc Lond ix, p 554, (1876)

Recorded from Europe

In Collection, Swinhoe, are specimens from Simla and Karachi
 In Indian Museum is a specimen from Europe

80. *CHÆROCAMPA MACROMERA*

- Chærocampa macromera*, Butler, Proc Zool Soc Lond 1875, p 7
 ———— Trans Zool Soc Lond ix, p 554, (1876)
 ———— Hammond, Ent xiii p 280 var of larva, (1870)
 ———— Butler, Ill Typ Lep Het B M, p 7, pl 79 fig 3
 (1881)
 ———— Kane, Ent xv, p 234, larva (1882)
Chærocampa elpenor var Walker Cat Lep Het B M viii, p 128, (1856)
Chærocampa rivularis, Boisd Sp Gen Lep Het, p 280, (1875) *

Recorded from Sylhet and Shillong

Type is in the British Museum.

In Indian Museum are specimens from Shillong

In Collection, Swinhoe, from Shillong

Chærocampa macromera, *C fraterna*, and *C elpenor*, are very closely allied.

81. *CHÆROCAMPA FRATERNA*

- Chærocampa fraterna* Butler Proc Zool Soc Lond 1875, p 217
 ———— Trans Zool Soc Lond ix, p 554 (1876)
 ———— Ill Typ Lep Het B M, p 7, pl 7, fig 4,
 (1881)

Recorded from Simla, Almora.

In Indian Museum is a specimen, from Sikkim, besides others without history.

In Collection, Swinhoe, from Simla and Sikkim.

Closely allied to *C. macromera*.

82. *CHÆROCAMPA MIRABILIS*.

- Chærocampa mirabilis*, Butler, Proc Zool Soc Lond 1875, p 218
 ———— Trans Zool Soc Lond ix, p 554, pl 92, fig 1,
 (1876)

Recorded from N.-W Himalayas

Type is in Collection, F. Moore.

83. *CHÆROCAMPA ALECTO*.

Sphinx alecto, Linn., Syst. Nat., Tom I, pt. V, p. 2884, No. 20.

————— Drury, Ill. Exot. Ins. ii, p. 48, pl. 27, fig. 4, (1778).

————— Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. D, (1777).

Isopiles alecto, Hubner, Verz. Bek. Schmett. p. 135, No. 1453, (1816)

Sphinx cretica, Boisd., Ann. Soc. Linn. Paris, vi, p. 118, pl. 6, fig. 5, (1827).*

Deilephila alecto, Boisd., Ind. Meth. p. 46, No. 376, (1829).*

Charocampa alecto, Walker, Cat. Lep. Het. B. M. viii, p. 130, No. 3, (1856)

————— Aurivillius, Kongl. Sv. Vet. Akad. Handl., vol. 19, p. 138, No. 175, (1882)

Charocampa cretica, Roberts and Butler, Proc. Zool. Soc. Lond. 1880, p. 411, pl. 39, fig. 8, larva.

————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 346

Recorded from Turkey, N. India, Sylhet, and Bombay.

In Indian Museum are specimens from Sikkim, Calcutta, Raniganj, Sibsangar, Buxa, and Karachi.

In Collection, Swinhoe, from Kasauli, Darjiling, Mhow, Poona, Bombay.

84. *CHÆROCAMPA ELEGANS*.

Charocampa elegans, Butler, Proc. Zool. Soc. Lond. 1875, p. 8, pl. 2, fig. 1

————— Trans. Zool. Soc. Lond. ix, p. 556, (1876).

Recorded from Java and Sylhet.

Type is in the British Museum.

Closely allied to *C. theylia*.

85. *CHÆROCAMPA THEYLIA*.

Sphinx theylia, Linn., Syst. Nat. 12, 803, 24, (1767).

Sphinx theylia (sic), Fabr., Sp. Ins. ii, 153, 60, (1781)

Sphinx boehamæ, Fabr., Sp. Ins. ii, 148, 39, (1781)

Sphinx pluto, Fabr., Sp. Ins. ii, 148, 40, (1781).

Sphinx pinastrina, Martyn, Psyche, pl. 30, fig. 85, (1797).*

Sphinx octopunctata, Gmel., Syst. Nat. i, 5, 2386.*

Isopiles Theylia, Hubn., Verz. Bek. Schmett., p. 135, 1455, (1816)

————— Moore, Lep. Ceyl. ii, p. 19, pl. 84, fig. 5, (1882).

Charocampa evon (part), Walker, Cat. Lep. Het. B. M. viii, p. 137, No. 17, (1856)

Charocampa theylia (sic), Moore, Cat. Lep. Mus. E. I. Comp. i, p. 276, No. 638, (1857).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 288, No. 13

Charocampa theylia, Butler, Trans. Zool. Soc. Lond. ix, p. 556, No. 13, (1876)

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 388, pl. 15, larva.

Recorded from India, Ceylon, China, Java, and Sarawak

In Indian Museum are specimens from Calcutta, N.-E. Frontier, Ceylon, and Java.

In Collection, Swinhoe, from Deesa, Bombay, Mhow, Sikkim, Poona, Simla, Karachi, Ceylon.

86. *CHÆROCAMPA RAFFLESII*.

Charocampa rafflesii, Butler, Trans. Zool. Soc. Lond. ix, p. 556 (1876).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Isopiles rafflesii, Moore, Lep. Ceyl. ii, p. 19, pl. 84, fig. 3, (1882)

Sphinx theylia, Cramer, Pap. Exot. iii, i, p. 58, pl. 226, fig. F, (1779).

Recorded from Bombay, Kanara, Ceylon, Madras, and Java.

Type is in the British Museum.

In Indian Museum are specimens from Sikkim, Utakamand, and Java.

In Collection, Swinhoe, from Poona, Bombay, Ceylon.

87. *CHÆROCAMPA STIPULARIS*.

Charocampa stipularis, Swinhoe, Trans Ent Soc Lond 1885, p 346, pl 9, fig 1

Recorded from Afghanistan

Type is in the British Museum.

88. *CHÆROCAMPA CELERIO*.

Sphinx celerio, Linn, Syst Nat, ed xii, p 800, No 12, (1767).

—— Cramer, Pap Exot ii p 42 pl 125 fig E (1775)

Sphinx tinsphone, Linn, Syst Nat, ed xii, p 803 No 23, (1767)

Hippotion celerio, Hubner Verz Bek Schmett p 135, No 1450 (1816)

—— Moore Lep Ceyl ii p 16 pl 81 fig 4, (1882)

Hippotion ocyx Hubner, l c p 135, No 1451, (1816)

Deilephila celerio Stephens, Ill Brit Ent Haust i, p 128 (1828) *

Phalæna inqualis, Harris Fx, p 93 pl 28 fig 1 (1781) *

Charocampa celerio Duponchel, Lep France Suppl ii p 159 (1835) *

—— Walker, Cat Lep Het B M viii, p 128, No 2 (1856)

—— Moore, Cat Lep Mus, E I Comp i, p 274, pl 11, figs 1, 1a (1857)

—— Boisd, Sp Gén Lep Het i, p 238 No 18 (1875) *

—— Butler Trans Zool Soc Lond ix p 557 No 23, (1876)

—— Kirby, Ent Monthly Mag xiv p 185 (1877)

—— Green Entomologist xiv p 255 (1881)

—— Aurivillius, Vet Akad Handl Stockholm, vol 19 No 5 p 139 (1882)

—— Forsayeth Trans Ent Soc, Lond, 1884 p 388

—— Swinhoe, Proc Zool Soc, Lond 1884, p 513, and 1885, p 288

Recorded from Europe, Africa, the whole of India, Java, Borneo, Australia, and Fiji.

In Indian Museum are specimens from Kulu, Calcutta, and Simla

In Collection, Swinhoe, from Kasauli, Karachi, Bombay, Mhow, Poona, Deesa, Aden.

89. *CHÆROCAMPA DRANCUS*

Sphinx drancus Cramer Pap Exot ii p 56 pl 132 fig F (1777)

Xylophanes drancus Hubner Verz Bek, Schmett p 136, No 1460 (1816)

Charocampa drancus, Walker Cat Lep Het B M viii, p 142, No 9 (1856)

—— Butler, Trans Zool Soc, Lond ix, p 559 (1876)

Recorded from the East Indies and West Indies

90. *CHÆROCAMPA OLDENLANDIÆ*.

Sphinx oldenlandiæ Fabr Sp Ins ii, p 148 No 37 (1781)

Xylophanes gortys, Hubner Samml Exot Schmett Zutr., figs 513, 514, (1816) *

Charocampa oldenlandiæ, Walker, Cat Lep Het B M viii, p 142, No 25, (1856)

—— Moore, Cat Lep Mus E I Comp i, p 278, pl ii, figs. 4, 4a, (1857)

—— Butler, Trans Zool Soc, Lond. ix, p 559, pl 91, fig 1, (1876)

—— Forsayeth, Trans Ent Soc, Lond 1884, p 390

—— Swinhoe, Proc Zool Soc, Lond, 1884, p 514

Xylophanes oldenlandiæ, Moore, Lep Ceyl ii, p 17, pl 85, figs. 1, 1a, imago and larva, (1882)

Recorded from Landour, Bombay, Karachi, Mhow, Deesa, Ceylon, Shanghai, and Java

In Indian Museum are specimens from Calcutta, Kulu, Manbhumi, and Sikkim

In Collection, Swinhoe, from Simla, Belgaum, Bombay, Deesa, Karachi, Mhow, Poona, Sikkim.

91. *CHEROCAMPA ROSINA*.

Cherocampa rosina, Butler, Proc Zool Soc, Lond, 1875, p 248, pl 37, fig. 6.
Trans Zool Soc, Lond ix p 559, (1876)

Recorded from Masuri.

Type is in Collection, F Moore.

Allied to *C. lycetus*.

In Indian Museum is a specimen from Sikkim, and one with no history.

In Collection, Swinhoe, from Sikkim.

92. *CHEROCAMPA PUELLARIS*.

Cherocampa puellaris, Butler, Proc Zool Soc, Lond, 1875, p 623
Trans Zool Soc, Lond ix, p 638, (1876)

Recorded from Rawalpindi and Simla.

Allied to *C. oldenlandiæ*.

93. *CHEROCAMPA SILHETENSIS*

Cherocampa silhetensis, Walker, Cat Lep Het, B M viii, p 143, No 27
(1856)

Butler, Trans Zool Soc, Lond ix, p 560, pl 92, fig 8,
larva and pupa, (1876)

Ill Typ Lep Het B M. v, p 8 pl 79, fig 6,
(1881)

Xylophanes pinastrina, Moore, Lep Cycl ii p 18, pl 87, fig 2, (1882)

Recorded from Sylhet, Ceylon, Java, and Borneo.

In Indian Museum are specimens from Calcutta, Kulu, and Ceylon

In Collection, Swinhoe, from India.

94. *CHEROCAMPA LYCETUS*.

Sphinx lycetus, Cramer, Pap Exot i, p 96, pl 61, fig D, (1775)

Xylophanes lycetus, Hubner, Verz Bck Schmett, p 136, No 1157, (1816)

Cherocampa lycetus, Walker, Cat Lep Het B M viii, p 143 No 28, (1856)
Butler, Trans Zool Soc, Lond ix, p 560, (1876).

Recorded from Bengal

Allied to *C. oldenlandiæ*.

In Indian Museum is a doubtful specimen from Sikkim.

95. *CHEROCAMPA LUCASII*.

Cherocampa lucasi, Walker, Cat. Lep Het B. M. viii, p 141, No 24, (1856)

Moore, Cat Lep. Mus. E. I Comp i, p 277 pl 11, fig. 3,
3σ, larva and pupa, (1857)

Boisd, Sp Gén Lep Het B M. p 254 (1875) *

Butler, Trans Zool Soc, Lond ix p 660, (1876)

Ill Typ Lep Het B M. v, p 8 pl 79, fig 5,
(1881).

Charocampa lucasu, Swinhoe, Proc. Zool Soc, Lond 1885, p. 289

Hathia lucasi, Moore, Lep Ceyl ii, p. 20, pl. 86, fig 3, (1862)

Recorded from Sylhet, Bombay, Java, Borneo, and Hongkong.

In Indian Museum are specimens from Sibsagar and Java, besides a closely allied form from Australia.

In Collection, Swinhoe, from Bombay, Sylhet.

96. *CHAROCAMPA TENEBROSA*

Charocampa tenebrosa, Moore, Proc Zool Soc Lond, p 595, (1877)

Hathia tenebrosa, Moore, Lep Ceyl ii, p 20, pl 86, figs 2, 2a, larva, (1862)

Recorded from Ceylon.

97. *CHAROCAMPA VELOX*.

Sphinx velox, Fabi, Ent Syst iii, 1, p 378, No 68, (1793)

Charocampa velox, Walker Cat. Lep Het B M viii p 146, (1856).

Butler, Trans Zool Soc Lond ix p 561, (1876)

Recorded from India.

Allied to *C. porcus* and *C. tersa*

98. *CHAROCAMPA CLOTHO*.

Sphinx clotho, Diurn, Ill Exot Ins ii, p 48 pl 28 fig 1 (1773)

Charocampa clotho, Walker, Cat Lep Het B M viii p 141, No 23 (1856)

Sumpter, Verh Zool botan Ges Wien p 700, pl 23, figs 3a,

3b, 3c, larva and pupa, (1867)

Butler, Trans Zool Soc., London ix, p 561, (1876).

Swinhoe, Proc Zool Soc Lond 1885, p 289

Hathia clotho, Moore Lep Ceyl ii, p 20 pl 87 fig 1, (1862)

Sphinx batius, var, Fabr Ent Syst iii, p 377, No 64, (1793)

Recorded from Sylhet, Moulmein, Masuri, Bombay, and Ceylon.

In Indian Museum are specimens from Sibsagar, Sikkim, Raniganj, and Bangalore.

In Collection, Swinhoe, from Bombay, Belgaum, Sikkim and Ceylon.

99. *CHAROCAMPA ASPERSATA*.

Charocampa aspersata Kirby, Trans Ent Soc Lond 1877, p 241

Waterhouse, Aid vol i, pl 97, (1862)

Recorded from Andaman Islands.

Allied to *C. clotho* and *C. gonographa*, Mr. Butler considers this species to be but a dark variety of *C. clotho*.

100. *CHAROCAMPA PUNCTIVENATA*

Charocampa punctivenata Butler, Proc Zool Soc Lond 1875, p 248

Trans Zool Soc Lond ix, p 562, (1876).

Swinhoe, Proc. Zool Soc Lond. 1885, p 289.

Recorded from Masuri, Sylhet, and Bombay.

Allied to *C. clotho*

Type is in Collection, F. Moore.

In Indian Museum are specimens from Sibsagar and Sikkim.

In Collection, Swinhoe, from Bombay and Sikkim.

101 CHÆROCAMPA GONOGRAPTA

Charocampa gonographa, Butler, Proc Zool Soc Lond 1875, p 249
 ———— Trans Zool Soc Lond ix, p 562, (1876)
 ———— Swinhoe, Proc Zool Soc Lond 1885, p 289.

Recorded from Bombay and South India.

Allied to *C. clotho*

Type is in Collection, F Moore

In Collection Swinhoe, are specimens from Poona, Belgaum, Bombay

102 CHÆROCAMPA MINOR

Charocampa minor Butler Proc Zool Soc Lond 1875 p 249
 ———— Trans Zool Soc Lond ix, p 562, (1876)

Recorded from Masani

Allied to *C. lineosa*

Type is in Collection, F Moore

In Indian Museum is a specimen from Sibsagar.

103 CHÆROCAMPA MAJOR

Charocampa major Butler Proc Zool Soc Lond 1875 p 249
 ———— Trans Zool Soc Lond ix p 562 (1876)

Recorded from Darjiling and Sylhet

Allied to *C. lineosa*.

In Indian Museum are specimens from Sikkim

In Collection, Swinhoe, from Sylhet.

104 CHÆROCAMPA LINEOSA

Charocampa lineosa Walker Cat Lep Hct B M viii p 144, No 28 (1856).
 ———— Butler Trans Zool Soc Lond ix p 562, (1876)
 ———— Ill Typ Lep Hct B M v, p 9, pl 79, fig 7 (1881)

Recorded from Sikkim and Sylhet

Type is in British Museum.

In Indian Museum are specimens from Cheriapunji and Sikkim.

In Collection, Swinhoe, from Sylhet, Sikkim.

105 CHÆROCAMPA NESSUS

Sphinx nesus Drury Ill Ins Exot ii, p 46 pl 27 fig 1 (1773)
 ———— Cramer, 1 up Exot iii p 58 pl 22b, fig D, (1779)
Sphinx equestis Fabr Ent Syst iii p 365 No 29 (1733)
Theretra equestis Hubner, Verz Bk Schmett, p 135, No 1446 (1816)
Charocampa nesus, Walker, Cat Lep Hct B M viii p 140 No 22, (1856)
 ———— Moore Cat Lep Mus E I Comp i, p 276, pl 11, fig 2,
 2 a, larva and pupa, (1857)
 ———— Butler, Trans Zool Soc Lond ix, p 565, larva and pupa,
 (1876)
 ———— Swinhoe Proc Zool Soc Lond 1884, p 514, 1885, . 288
Charocampa rubicundus, Schaufuss, Nunquam Otiosus, i, p 18 (1870) *
Theretra nesus, Moore, Lep. Ceyl ii, p 22, pl 86, fig 1, (1882)

Recorded from Sylhet, Moulmein, Bombay, Karachi, Kanara, Ceylon, Hongkong, and Java

In Indian Museum are specimens from Sibsagar, Sylhet, Shillong, Sikkim, and Ceylon.

In Collection, Swinhoe, from Karachi, Belgaum, Bombay.

106. *CHEROCAMPA PALLICOSTA*.

Cherocampa pallicosta, Walker, Cat Lep Het B M viii, p 145, No 81, (1856).

----- Butler, Trans Zool Soc Lond ix, p 566, (1876)

----- Ill Typ Lep Het B M iii, p 1, pl 41, fig 2 (1879)

Gnathothlibus pallicosta, Moore, Lep Ceyl ii, p 21, pl 84, fig 6, (1882)

Recorded from Sylhet, Ceylon, and Hongkong.

Type is in the British Museum

In Collection, Swinhoe, are specimens from Sylhet.

107. *CHEROCAMPA EROTUS*.

Sphinx erotus, Cramer, Pap Exot ii, p 12, pl 104 fig B (1777)

Chromis erotus, Hubner, Verz Bek Schmett, p 138, No 1179 (1816)

Cherocampa erotus, (part), Walker, Cat Lep Het B M viii, p 116, No 34, (1856)

----- Koch, Stett Ent Zeit 1871, p 239 (note)

var *Cherocampa andamanensis*, Kirby, Trans Ent Soc Lond 1877 p 212

----- Waterhouse, Aid iii, pl 111, figs 1-4, (1881) *

Recorded from Australia, Solomon Islands, the var *Andamanensis* being from the Andaman Islands

Allied to *C eretoides*

In Indian Museum are two specimens from Australia and one from the Andaman Islands.

108. *CHEROCAMPA PRUNOSA*

Cherocampa prunosa, Butler Proc Zool Soc Lond 1875 p 622

Xylophanes prunosa, Moore Lep Ceyl ii p 16 pl 84 figs 1-2, (1882).

Recorded from Ceylon

Allied to *C rosea*

In Collection, Swinhoe, are specimens from India

Genus *Deilephila*109. *DEILEPHILA LIVORNICA*

Sphinx livornica Esper, Anal Schmett ii, pp 87-196 pl 8, fig 4, (1785) *

Sphinx lineata, Ldr Sp Ins ii p 147, No 34, (1791)

Sphinx kochlii, Fuessli, Arch Ins Gesch p 10 pl 31, figs 1-6, larva and pupa (1794) *

Phryx livornica Hub, Verz Bek Schmett, p 137 No 1469 (1816)

Deilephila livornica, Stephens Cat Brit Lep B M pt 1, p 28, (1840) *

----- Walker Cat Lep Het B M viii p 161, (1856)

----- Butler, Trans Zool Soc Lond ix p 568, (1876)

----- Swinhoe, Proc Zool Soc Lond 1884 p 513, and 1885, p 287

----- Trans Ent Soc Lond 1895, p 316

----- Biggell, Entomologist, v, pp 161-180, 214, larva and pupa, (1870) *

----- Hellins, Ent Monthly Mag vii, p 99, larva and pupa

Recorded from Europe, Tunis, and various parts of India.

In Indian Museum is a specimen from Sagai, and one received from the Karachi Museum

In Collection, Swinhoe, are specimens from Simla, Umballa, Karachi, Bombay, Deesa, Mhow, and Quetta.

110. *DEILEPHILA LATHYRUS*.

Deilephila lathyrus, Walker, Cat Lep Het P M viii, p 172, No 16, (1856)

----- Boud Sp Gen Lep Het 1, pl 6, fig 2, (1875) *

----- Butler, Ill Typ Lep Het B M v, p 9, pl 80, fig 1, (1881)

Recorded from Almora

In Indian Museum is one doubtful specimen with no history.

111. *DEILEPHILA ROBERTSI*.

Deilephila Roberts, Butler, Proc Zool Soc Lond 1880, p 412, pl 39, figs 9 and 10 larva and pupa

Recorded from Candahar.

Genus *Daphnis*112. *DAPHNIS NERI*

Sphinx neri Linn, Syst Nat 1, 2 p 798, No 5 (1767)

----- Cramer, Pap Exot iii p 51, pl 224 fig D, (1779)

Daphnis neri Hubner, Verz Bk Schmett, p 134, No 1141 (1816)

----- Walker, Cat Lep Het B M viii, p 188, (1856)

----- Moore Cat Lep Mus E I Comp 1, p 7-, pl 10, figs 2a larva and pupa (1857)

----- Butler, Proc Zool Soc Lond 1881 p 613 (note), larva and pupa

----- Moore, Lep Ceyl ii, p 14, pl 82, fig 1, imago fig 1a, larva and pupa, (188)

----- Swinhoe, Proc Zool Soc Lond. 1884, p 513, 1885 p 288, larva and pupa

----- Forsayeth, Trans Ent Soc Lond 1884, p 390 pl xv, larva and pupa

Deilephila neri Boud, Franc Ent de Madagascar, p 74, N 6, (1833) *

Chærocampa neri Curtis, Brit Ent xiii, pl 626, (1837) *

Recorded from Europe, S Africa, Mauritius, Kanara and Bombay

In Indian Museum are specimens from Calcutta, Sikkim, and Buxa, also a smaller variety received from the Kutchi Museum

In Collection, Swinhoe, are specimens from Roorkee, Karachi, Utacmand, Mhow, Poona, and Bombay

113. *DAPHNIS HYPOTHOUS*.

Sphinx hypothous, Cramer, Pap Exot iii p 165 pl 285 fig D (1780)

Daphnis hypothous, Hubner, Verz Bk Schmett, p 134 No 1440 (1816)

Darapsa hypothous, (part) Moore, Cat Lep Mus E I Comp, p 271 pl 10, figs 2 and 2a larva and pupa (1857)

----- Lep Ceyl ii, p 15, pl 83 figs 1 and 1a, imago larva and pupa (1882)

Chærocampa hypothous Boud, Sp Gen Lep Het, p 226 (1875) *

Recorded from Sikkim, Ceylon, Java, Labuan, and Sumatra

In Indian Museum are specimens from Sikkim, Sibhagat, Calcutta, Ceylon, and the Andaman Islands

In Collection, Swinhoe, from Ceylon and Sikkim

114. *DAPHNIS MINIMA*.

Daphnis minima, Butler, Trans Zool Soc Lond ix, p 573, pl 92 fig 5 (1876)

Recorded from S. India

Type is in Collection, F. Moore.

115 DAPHNIS BHAGA.

Daphnis bhaga Moore Proc Zool Soc Lond 1865, p 794
 ————— Butler, Trans Zool Soc Lond ix p 573, (1876)

Recorded from N.-E. Bengal

Type is in Collection, F. Moore.

In Indian Museum are specimens from Sikkim

116 DAPHNIS ANDAMANA

Daphnis andamana, Druce, Ent Monthly Mag xix, p 16

Recorded from the Andaman Islands

Allied to *D bhaga*

117 DAPHNIS LAYARDII

Daphnis layardii Moore Lep Ceyl ii p 16 pl 84 fig 1 (1882).

Recorded from Ceylon

Sub-Family III.—AMBULACINAE

Genus *Ambulyx*

118 AMBULYX SUBSTRIGILIS.

Sphinx (Ambulyx) substrigilis Westw Cal Or Ent i 61, pl 30 fig 2, (1848)

Ambulyx substrigilis, Walker Cat Lep H t B M vii p 122 No 3 (1856)

————— Butler Trans Zool Soc Lond ix p 579 (1876)

Recorded from Sikkim and Sylhet

Type is in the British Museum

In Indian Museum are specimens from Sikkim

In Collection, Swinhoe, from Sikkim

119. AMBULYX MACULIFERA.

Ambulyx maculifera Walker Cat Lep H t B M xxxv p 1851 (1866)

————— Butler Trans Zool Soc Lond ix p 580 (1876)

————— Ill Typ Lep H t B M v, p 10, pl 80, fig 3, (1881)

Recorded from Darjiling

Type is in the British Museum

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Sikkim.

This species is perhaps a variety of *A substrigilis*, to which it is very closely allied

120 AMBULYX CONSANGUIS

Ambulyx consanguis, Butler, Ill Typ Lep H t B M v, p 11, pl 80, fig 4, (1881)

Recorded from Darjiling

In Indian Museum are specimens from Sikkim

In Collection, Swinhoe, from Sikkim

This species is perhaps a variety of *A substrigilis*, to which it is very closely allied

121. *AMBULYX RHODOPTERA*

Ambulyx rhodoptera, Proc Zool Soc Lond 1875 p 251
 Trans Zool Soc Lond ix, p 580, pl 93, fig 8, (1876)

Recorded from Darjiling.

Type is in Collection, F Moore.

122. *AMBULYX SERICIPENNIS*

Ambulyx sericipennis, Butler, Proc Zool Soc Lond 1875, p 251
 Trans Zool Soc Lond ix, p 580, (1876)

Recorded from Masuri, Sikkim, and Simla.

Type is in Collection, F Moore.

In Collection, Swinhoe, are specimens from Simla and Sikkim.

123. *AMBULYX LIHORA*.

Ambulyx lihora, Butler, Proc Zool Soc Lond 1875, p 251.
 Trans Zool Soc Lond ix, p 580, pl 93, fig 9, (1876).

Recorded from N.-W. Himalayas.

Type is in Collection, F Moore

124. *AMBULYX TURBATA*

Ambulyx turbata, Butler, Proc Zool Soc Lond 1875, p 252
 Trans Zool Soc Lond ix, p 580, pl 93, fig 7, (1876)
 Moore, Lep Ceyl ii, p 12, pl 80, fig 1, (1882).
 Swinhoe, Proc Zool Soc Lond 1885, p 289, No 22

Recorded from Darjiling, Bombay, Belgaum, Kauai, and Ceylon.

Type is in Collection, F Moore.

In Indian Museum is a specimen from Sikkim.

In Collection, Swinhoe, from Sikkim and Belgaum

125. *AMBULYX JUNONIA*

Ambulyx junonia, Butler, Ill Typ Lep Het B M v p 9, pl 80 fig 2, (1861)

Recorded from Bhutan.

Allied to *A. rubricosa*.

126. *AMBULYX ELWESI*.

Ambulyx elwesi, Druce, Ent Monthly Mag xix, p 17, (1882)
 Waterhouse, Aid, ii, pl. 136, fig 3, (1883) *

Recorded from Darjiling.

Type is in Collection, Druce.

In Indian Museum is a specimen from Sikkim.

127. *AMBULYX RUBRICOSA*.

Ambulyx rubricosa, Walker, Cat Lep Het B M viii, p 122, No 4, (1856)
Banana superba, Moore, Proc Zool Soc Lond 1865, p 793
 Butler, Trans Zool Soc Lond ix, p 582, (1876)

Recorded from Calcutta and Darjiling.

In Indian Museum are specimens from Sikkim, which are very variable in colour.

In Collection, Swinhoe, from Sikkim.

128. *AMBULYX AURIPENNIS*.

Ambulyx auripennis, Moore, Proc Zool Soc Lond 1879, p 388.
 ——— Moore, Lep Ceyl ii, p 11, pl 79, figs 1, 1a, 1b, imago, larva
 and pupa, (1882).

Recorded from Ceylon.

129. *AMBULYX THWAITESII*.

Ambulyx thwaitesii, Moore, Lep Ceyl ii, p 11 pl 80, figs 2, 2a, 2b, imago, larva
 and pupa, (1882)

Recorded from Ceylon.

Genus *Philampelus*.130. *PHILAMPELUS* (?) *ORIENTALIS*

Philampelus orientalis, Felder, Reise Novara, Lep, pl 77, fig 1, ♂, (1871).

Sub-Family IV — *SMERINTHINAE*.Genus *Mimas*.131. *MIMAS DECOLOR*.

Smerinthus decolor, Walker Cat Lep Het B M viii, p 255, No 19, (1856).
 ——— Schultze, Nungnam Otisus, i, p 14, (1871) *
Mimas decolor, Butler, Trans Zool Soc Lond ix, p 583, (1876)

Recorded from Dujiling

In Indian Museum is a specimen from Tavoy

Genus *Polyptychus*132. *POLYPTYCHUS DENTATUS*

Sphinx dentata, Cramer Pap Exot ii p 125, pl 125, fig 4, (1777)
Polyptychus dentatus, Hubner, Verz Bek Schmett p 141, No 1514, (1816).
 ——— Butler Trans Zool Soc Lond ix, p 583, pl 91, fig. 10,
 larva and pupa (1876)
 ——— Ikenoeth, Trans Ent Soc Lond 1884, p 305
 ——— Swinhoe, Proc Zool Soc Lond 1885 p 290
Smerinthus dentatus, Walker, Cat Lep Het viii, p 252, No 14, (1856)

Recorded from Bengal, Sikkim, and Bombay.

In Indian Museum are specimens from Sikkim

133. *POLYPTYCHUS TIMESIUS*

Sphinx timesius, Stoll, Suppl Cramer, Pap Exot p 172, pl 40, fig 1, (1790)
Sphinx modesta, Fabr, Ent Syst iii, i, p 356, No 1 (1793)
Smerinthus timesius, Walker, Cat Lep Het B M. viii, p 252, No 15, (1856)
Polyptychus timesius, Butler, Trans Zool. Soc Lond, ix, p 584, (1876)

Recorded from Tranquebar, Masuri, Sylhet, Nepal, and North
 China

Allied to *P dentatus*

In Indian Museum are specimens from the Naga Hills and
 Sikkim.

Genus **Langia**.134. **LANGIA ZENZEROIDES.***Langia zenzeroidea*, Moore, Proc Zool Soc Lond. 1872, p 567.

Butler, Trans Zool Soc Lond ix, p 585, (1876)

Gott, Int Monthly Mag xiv, p 116, larva and pupa

Recorded from Simla.

Type is in Collection, Lang.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Simla and Sikkim.

135. **LANGIA KHASIANA.***Langia khasiana*, Moore, Proc Zool Soc Lond. 1872, p 568

Butler, Trans Zool Soc Lond ix, p 586, (1876)

Recorded from the Khasi Hills.

Type is in Collection, F. Moore

Genus **Triptogon**136. **TRIPTOGON CRISTATA.***Triptogon cristata*, Butler Proc Zool Soc Lond 1875, p 253 No 39

Trans Zool Soc Lond ix, p 586, (1876)

Recorded from Sikkim

Allied to *T. gigas*.

Type is in Collection, Fall.

In Indian Museum are specimens from Sikkim

In Collection, Swinhoe, from Sikkim

137. **TRIPTOGON GIGAS.***Triptogon gigas*, Butler Proc Zool Soc Lond 1875, p 253, No 38

Trans Zool Soc Lond ix, p 586, (1876)

Ill Typ Lep Het B M v, p 12, pl 80, fig 5, (1881)

Recorded from Sylhet.

Type is in the British Museum.

138. **TRIPTOGON FLORALE.***Ambulyx floralis*, Butler, Trans Zool Soc Lond ix, p 639, (1876)*Triptogon florale*, Butler, Ill Typ Lep Het B M v, p 13, pl 81, fig 1, (1881).

Recorded from Dajiling.

In Indian Museum is a specimen from Sikkim.

In Collection, Swinhoe, from Sikkim.

139. **TRIPTOGON ALBICANS***Triptogon albicans*, Butler, Proc Zool Soc Lond 1875, p 254, No 40

Trans. Zool Soc Lond ix, p. 586, pl 93, fig 6, (1876).

Recorded from Musli and Dhamsala.

Allied to *T. gigas*.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Dhamsala.

140. *TRIPTOGON DYRAS*.

Smerinthus dyras, Walker, Cat Lep Het. B M viii, p 250, No 13, (1876)

Triptogon dyras, Butler, Trans Zool Soc Lond ix, p 586, (1876).

Marumba dyras, Moore, Lep Ceyl ii, p 9, pl 78, figs. 1, 1a, 1b, 1c, imago, larva and pupa, (1882).

Recorded from Sylhet, Sikkim, Kanara, and Ceylon.

Type is in the British Museum

In Indian Museum are specimens from Sikkim and Sibsagar.

In Collection, Swinhoe, from Sikkim, Sylhet, Subathu

141. *TRIPTOGON CEYLONICA*.

Triptogon ceylonica, Butler, Proc Zool Soc Lond 1875, p 255

Trans Zool Soc. Lond ix, p 587, (1876)

Smerinthus dyras, ♂, Walker Cat Lep Het i, M viii, p 20, (1856)

Marumba ceylonica, Moore, Lep Ceyl ii, p 9, pl 97 fig 2, (1882)

Recorded from Ceylon

A local form of *T. dyras*.

142. *TRIPTOGON SILHETENSIS*

Triptogon silhetensis, Butler, Proc. Zool. Soc Lond 1875, p 255, No 440

Trans Zool Soc Lond ix, p 587, (1876)

Recorded from Sylhet.

A local form of *T. dyras*

In Collection, Swinhoe, are specimens from Sikkim and Sylhet.

143. *TRIPTOGON ORIENS*.

Triptogon oriens, Butler, Proc Zool Soc Lond 1875, p 255, No 45

Trans Zool Soc Lond ix, p 587, pl 93, fig 3, (1876)

Recorded from N.-E. India.

A local form of *T. dyras*.

Type is in Collection, F. Moore.

144. *TRIPTOGON MASSURENSIS*.

Triptogon massurensis, Butler, Proc Zool Soc Lond 1875, p 256, No 46

Trans Zool Soc Lond ix, p 587 pl. 93, fig 5,
(1876)

Recorded from Masuii.

A local form of *T. dyras*.

Type is in Collection, F. Moore.

145. *TRIPTOGON FUSCESCENS*.

Triptogon fuscescens, Butler, Proc Zool Soc Lond. 1875, p 256, No 47

Trans Zool Soc. Lond ix, p. 587, pl 93, fig 2,
(1876)

Recorded from Darjiling

A local form of *T. dyras*.

Type is in Collection, F. Moore.

146. **TRIPTOGON DECORATA.***Smerinthus decoratus*, Moore, Proc. Zool. Soc. Lond. 1872, p. 568*Triptogon decorata*, Butler, Trans. Zool. Soc. Lond. ix, p. 588, (1876)

Recorded from Sikkim.

147. **TRIPTOGON SPECTABILIS.***Triptogon spectabilis*, Butler, Proc. Zool. Soc. Lond. 1875, p. 256, No. 48Trans. Zool. Soc. Lond. ix, p. 588, pl. 93, fig. 1,
(1876)

Recorded from Darjiling.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Darjiling.

148. **TRIPTOGON ANDAMANA.***Triptogon andamana*, Moore, Proc. Zool. Soc. Lond. 1877, p. 595

Recorded from the South Andaman Islands.

149. **TRIPTOGON RECTILINEA.***Triptogon rectilinea*, Moore, Proc. Zool. Soc. Lond. 1879, p. 388.

Waterhouse, Aid. ii, pl. 140, fig. 5 *

Recorded from N. India

150. **TRIPTOGON INDICA.***Smerinthus indicus* Walker, Cat. Lep. Het. B. M. viii, p. 251, No. 17, (1856).*Triptogon indica*, Butler, Trans. Zool. Soc. Lond. ix, p. 588, (1876).

Ill. Typ. Lep. Het. B. M. v, p. 13, pl. 81, fig. 2, (1881).

Recorded from N. India.

Type is in the British Museum.

In Indian Museum is a specimen with no history.

Genus **Smerinthus**151. **SMERINTHUS KINDERMANNI.***Smerinthus kindermanni*, Lederer, Verh. Zool. Bot. Ver. Wien, ii, pt. 2, p. 92,
(1853).

Erschoff, Lep. Turk., p. 26, No. 81, pl. 2, fig. 19, (1874).*

Catasybolus kindermanni, Butler, Trans. Zool. Soc. Lond. ix, p. 592, (1876).* *Eusmerinthus kindermanni*, Butler, Proc. Zool. Soc. Lond. 1880, p. 413, No. 26,
pl. 39, figs. 11, 12, larva and pupa.

Recorded from Kandahar, Pontus.

Genus **Daphnusa**.152. **DAPHNUSA PORPHYRIA.***Daphnusa porphyria*, Butler, Trans. Zool. Soc. Lond. ix, p. 640, (1876).

Recorded from Darjiling.

In Collection, Swinhoe, are specimens from Darjiling.

Genus **Leucophlebia**.153. **LEUCOPHLEBIA LINEATA**.

- Leucophlebia lineata*, Westw., Cab Or Ent., p 46, pl 22, fig 2, (1848).
 ————— Walker, Cat Lep Het B. M. ix, p 136, No 1, (1856)
 ————— Moore, Cat. Lep. Mus. B I Comp. i, p. 65, pl. 8, fig. 5,
 larva, (1857).
 ————— Butler, Trans Zool Soc Lond. ix, p 594, (1876).

Recorded from Nepal, N. India, and Java.

In Indian Museum are specimens from Goalpara, the Khasi Hills,
 and Silsagar.

In Collection, Swinhoe, from India

154. **LEUCOPHLEBIA ROSACEA**.

- Leucophlebia rosacea*, Butler, Proc Zool Soc Lond 1875, p 15, pl 2, fig 4, ♂.
 ————— Trans Zool Soc Lond ix p 595, (1876)
 ————— Moore, Lep Ceyl ii, p 10, pl 80, fig 3, (1882)

Recorded from Kasauli, Coimbatore, and Ceylon.

Allied to *L. lineata*.

Type is in the British Museum.

In Indian Museum is a specimen from Biriackpur, and one with
 no history

155. **LEUCOPHLEBIA BICOLOR**.

- Leucophlebia bicolor*, Butler, Proc Zool Soc Lond 1875 p 16, No 33, pl 2,
 fig 5, (1875)
 ————— Trans Zool Soc Lond ix, p 595, (1876)
 ————— Ill Typ Lep. Het. B. M. v, p 11, pl 80, fig 6,
 (1881)

Recorded from Almorah, Bombay, and Mhow.

Allied to *L. lineata* and *L. emittens*.

Type is in the British Museum.

In Indian Museum are specimens from Yarkand.

In Collection, Swinhoe, from Simla, Sattaia, Mhow.

156. **LEUCOPHLEBIA EMITTENS**.

- Leucophlebia emittens*, Walker, Cat Lep. Het B. M. xxxv, p 1858, (1866)
 ————— Butler, Trans Zool Soc Lond ix, p 595, (1876).

Recorded from India

Type is in the British Museum.

157. **LEUCOPHLEBIA DAMASCENA**.

- Leucophlebia damascena*, Butler, Proc Zool Soc Lond. 1875, p 392
 ————— Trans Zool Soc Lond ix, p 639, (1876)
 ————— Ill. Typ Lep Het B. M. v, p. 11, pl 80, fig. 7,
 (1881).

Recorded from Sikkim.

Allied to *L. bicolor*.

In Collection, Swinhoe, are specimens from India.

Genus *Clanis*.158. *CLANIS DEUCALION*.

Banana deu alion, Walker, Cat Lep Het B M viii, p 236, No. 1, (1856).
Clanis deucalion, Butler, Trans Zool Soc Lond ix, p. 595, (1876).
 ———— Forsyuth, Trans. Ent Soc. Lond, 1884, p 394

Recorded from North India.

Closely allied to *C. bilineata*

In Indian Museum are specimens from Shillong.

159. *CLANIS BILINEATA*.

Banana bilineata, Walker, Cat Lep Het B M xxv, p 1937, (1866)
Clanis bilineata, Butler, Trans. Zool Soc Lond ix, p 595, (1876)
 ———— Ill. Lep Lep Het B M v, p 14 pl 81, fig 4, (1881).

Recorded from Darjiling and Shinghai.

Closely allied to *C. deucalion*.

In Indian Museum are specimens from Sikkim.

In Collection, Swinhoe, from Darjiling.

160. *CLANIS CERVINA*.

Banana cerina Walker, Cat Lep Het B M viii, p 237, No 2, (1856).
Clanis cervina Butler, Trans Zool Soc Lond ix, p 596, (1876)
 ———— ———— Ill Typ Lep Het B M v, p 15 pl 81, fig 6, (1881)
 ———— Forsyuth Trans. Ent Soc Lond 1884, p 393, pl xv figs. 1
 and 2

Recorded from Bengal and Madras

In Indian Museum are specimens with no history.

161. *CLANIS PUDORINA*.

Sineranthus pudorinus, Walker Cat Lep Het B M viii, p 253, No 16,
 (1856)
Banana pudorina, Butler Trans. Zool Soc Lond ix, p. 596 (1876)

Recorded from Almorah

Type is in the British Museum.

162. *CLANIS EXUSTA*.

Banana exusta, Butler, Proc Zool Soc Lond., 1875, p 252, No 37, (1875)
 ———— Trans Zool Soc Lond ix, p 595, pl 93, fig. 4, (1876)

Recorded from Kunawar, Kashmir, Simla.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Simla.

163. *CLANIS PHALARIS*.

Sphinx phalaris, Cramer, Pap Exot ii, p 83, pl 119, fig. A, (1777).
Sphinx papana, Fabr., Sp Ins. ii p 146, No 20, (1781)
Clanis phalaris, Hubner, Verr. Bek Schmett, p 138, No. 1481, (1813)
Coequosa phalaris, Walker, Cat Lep Het B M viii, p 258, No 3, (1856).
Banana cervina (part), Walker, loc cit, p 237, No 2, (1856)
Banana phalaris, Butler, Trans. Zool Soc Lond. ix, p. 596, (1876).

Clanis nicobariensis, Schwarz, Beytr 1, p. 1 *

Butler, Ill Typ Lep. Het B M. v p. 14 (note), (1881).

Recorded from North India

In Indian Museum are specimens from Sikkim.

Sub-family V.—ACHERONTIINÆ

Genus *Acherontia*

164. *ACHERONTIA STYX*.

Acherontia styx, Westw., Cab Or. Ent, p. 88, pl. 42, fig. 3, (1848).

Butler, Trans Zool Soc Lond ix, p. 597, (1876)

Moore, Lep Ceyl ii, p. 7, pl. 76, fig. 1, 1a, 1b, 1c, imago, larva, and pupa (1882).

Forsayeth, Trans Ent Soc Lond 1884, p. 392

Swinhoe Proc Zool Soc Lond 1885, p. 290, larva.

Acherontia atropos (part), Walker, Cat Lep Het B M viii, p. 233, (1856)

Recorded from North India and Turkey in Asia.

In Indian Museum are specimens from Calcutta, Sikkim, Sibsagar, Tezpur, Kulu, Bangalore, and Java.

In Collection, Swinhoe, from Dugshai, Deesa.

165. *ACHERONTIA MEDUSA*.

Acherontia medusa, Butler Trans Zool Soc Lond ix, p. 597, pl. 92, fig. 10, larva and pupa (1876)

Ill Typ Lep Het B M, iii, p. 3, pl. 11, fig. 5 (1881).

Acherontia styx (part), Moore Cat Lep Mus E I Comp i, p. 266, (1857).

Recorded from Java, Hongkong, Shanghai, Philippine Islands, and Japan.

166. *ACHERONTIA MORTA*

Acherontia morta, Hubner, Verz Bck Schmett, p. 140, No. 1496 (1816).

Butler, Trans Zool Soc Lond ix, p. 598, pl. 92, fig. 9, larva and pupa, (1876)

Swinhoe, Proc Zool Soc Lond 1885, p. 290

Sphinx atropos var., Cramer, Pap Exot iii, p. 71, pl. 237, fig. A, (1779)

Gray, Cuvier's Animal Kingdom, pl. 137, fig. 1, (1832).*

? *Sphinx lachesis*, Fabr. Lat Syst Suppl, p. 434, Nov. 26, 27, (1798)

Acherontia satanas, Boisd, Sp Gén Lep Pip, pl. 16, fig. 1, (1836) *

Moore, Cat Lep Mus E I Comp i, p. 267, pl. 9, figs. 2, 2a, larva and pupa, (1857)

Boisd, Sp Gén Lep Het, p. 7, (1875) *

Snellen, Tijds Ent xx, p. 4, (1877).

Acherontia lethre, Westw., Cab Or Ent, p. 87, pl. 42, fig. 2, (1848).

Walker, Cat Lep Het B M viii, p. 235, (1856)

Acherontia lachesis, Moore, Lep Ceyl ii, p. 6, pl. 77, figs. 1, 1a, 1b, 1c, imago, larva and pupa, (1882)

Recorded from Hongkong, Java, Ceylon, Balasore, Sylhet, Bombay, and Mhow.

In Indian Museum are specimens from Calcutta, Khasi Hills, Sibsagar, Sikkim, Goalpara, Buxa, Ceylon, Andaman Islands, and Java.

In Collection, Swinhoe, from Bombay, Poona, Belgaum, Sylhet, Mhow.

Sub Family VI.—SPHINGINÆ

Genus *Protoparce*167 *PROTOPARCE ORIENTALIS*.

Protoparce orientalis, Butler, Trans Zool Soc Lond ix p 609, pl 91, figs 16, 17, larva and pupa, (1876)

————— Moore, Lep Cyl ii p 5, pl 75, figs. 1, 1a-e, imago, larva and pupa, (1882)

————— Forsayeth Trans Ent Soc Lond 1884, p 391

————— Swinhoe, Proc Zool Soc Lond 1885, p 289

Sphinx convolvuli, Moore, Cat Lep Mus E I Comp 1, p 267, No 616, pl 12, figs 3, 3a, larva and pupa, (1857).

Recorded from Sindh, Bombay, Manipul, N Bengal, Moulmein, Ceylon, Java, and Hongkong.

Closely allied to *P. convolvuli*.

In Indian Museum are specimens from Calcutta

In Collection, Swinhoe, from Kasauli, Bombay, Poona, Deesa, Nulghernes, Mhow, Karachi.

168 *PROTOPARCE CONVOLVULI*

Sphinx convolvuli, Linn, Syst Nat ed xii, p 798 No 6 (1767)

————— Fabr, Sp Ins ii, p 150, No 46, (1781)

————— Walker, Cat Lep Het B M viii, p 212, No 1, (1856)

————— Poind, Sp Gen, Lep Het i, p 94, No 31, (1875)*

————— Aurivillius Kongl Sv Akad Hand, Band 19, No 5, p 129, (1882)

————— Newman, Entomologist, viii, p 272, larva *

————— Stollen, Tijds Ent xx p 3, (1877)

Agrilus convolvuli Hubner, Verz Bck Schmett, p 140 No 1506, (1816)

Protoparce convolvuli Butler, Trans Zool Soc Lond ix, p 609, (1876).

Recorded from Europe, Asia, and S Africa.

Closely allied to *P. orientalis*

In Indian Museum are specimens from Calcutta, Goalpara, Darbhanga, Kulu, Sikkim, Sibsagar, and Java

Genus *Pseudosphinx*.169. *PSEUDOSPHEINX NYCTIPHANES*

Macrosila nyctiphanes, Walker, Cat Lep. Het. B M. viii, p 209, No 16, (1856)

Pseudosphinx nyctiphanes, Butler, Trans Zool Soc Lond ix, p 610, (1876)

————— Ill typ Lep Het v, p. 15, pl 81, fig 7, (1881)

Recorded from Sylhet

Type is in the British Museum

In Indian Museum are specimens from Sylhet, besides representatives of a darker variety of the species from the Andaman Islands and Perak

In Collection, Swinhoe, from Sylhet.

170. *PSEUDOSPHEINX INEXACTA*.

Macrosila inexacta, Walker, Cat. Lep. Het B M viii, p 208, No. 14, (1856)

Pseudosphinx inexacta, Butler, Trans. Zool. Soc. Lond. ix, p. 611, (1876).

----- Ill. Typ. Lep. Het. B. M. v, p. 16, pl. 81, fig. 8, (1881).

Recorded from Masuri.

Type is in the British Museum.

In Indian Museum is one specimen from Cherra.

In Collection, Swinhoe, are specimens from Matheran, Bombay.

171. PSEUDOSPHERIX CYRTOLOPHIA.

Pseudosphinx cyrtolophia, Butler, Proc. Zool. Soc. Lond. 1875, p. 259, No. 54.

----- Trans. Zool. Soc. Lond. ix, p. 611, pl. 92, fig. 6, and pl. 91, figs. 11, 12, 13, imago, larva, and pupa, (1876).

Recorded from Madras.

Type is in Collection, F. Moore.

172. PSEUDOSPHERIX FO.

Zemlia fo, Walker, Cat. Lep. Het. B. M. viii, p. 195, No. 6, (1856).

Dolba fo, Butler, Trans. Zool. Soc. Lond. ix, p. 612, No. 1, (1876).

Pseudosphinx fo, Butler, Ill. Typ. Lep. Het. B. M. v, p. 16, pl. 81, fig. 9, (1881).

Recorded from N. India.

Type is in the British Museum.

In Indian Museum are specimens from Sikkim.

Genus Apocalypsis.

173. APOCALYPSIS VELOX.

Apocalypsis velox, Trans. Zool. Soc. Lond. ix, p. 611, (1876)

Recorded from Darjiling.

In Indian Museum is a specimen from Sikkim.

Genus Diludia.

174. DILUDIA OBLIQUA.

Macrosila obliqua, Walker, Cat. Lep. Het. B. M. viii, p. 208, (1856).

Diludia obliqua, Butler, Trans. Zool. Soc. Lond. ix, p. 614, (1876).

----- Moore, Lep. Ceyl. ii, p. 4, pl. 74, fig. 2, (1892).

Recorded from Ceylon.

*175. DILUDIA GRANDIS.

Diludia grandis, Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 56.

----- Trans. Zool. Soc. Lond. ix, p. 614, (1876).

Recorded from Nepal.

Type is in Collection, F. Moore.

176. DILUDIA DISCISTRIGA.

Macrosila discistriga, Walker, Cat. Lep. Het. B. M. viii, p. 209, No. 17, (1856).

----- Moore, Cat. Lep. Mus. E. I. Comp. i, p. 268, (1857).

Meganton discistriga, Boisd., Sp. Gén. Lep. Het., p. 59, (1876).*

Diludia discistriga, Butler, Trans. Zool. Soc. Lond. ix, p. 615, (1876).

Ill. Typ. Lep. Het. iii, p. 3, pl. 41, fig. 6, (1879).

Moore, Lep. Ceyl. ii, p. 3, pl. 73, fig. 1, 1a, 1b, imago, larva and pupa, (1882).

Recorded from Bombay, Masuri, Ceylon, China, Java, and Borneo.

Type is in the British Museum.

In Indian Museum are specimens from Bangalore and Sagar.

In Collection, Swinhoe, from Dharmasala and Bombay.

177. *DILUDIA MELANOMERA*.

Diludia melanomera, Butler, Proc. Zool. Soc. Lond. 1875, p. 13, No. 27.

Trans. Zool. Soc. Lond. ix, p. 615, pl. 94, fig. 4, (1876).

Recorded from Sylhet.

Type is in the British Museum.

In Indian Museum are specimens from Sikkim, besides much faded representatives of a smaller variety from Sibsagar.

In Collection, Swinhoe, from Sylhet.

178. *DILUDIA RUBESCENS*.

Diludia rufescens (sic), Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 57.

Diludia rubescens, Butler, Trans. Zool. Soc. Lond. ix, p. 615, (1876).

Recorded from N. India.

Type is in Collection, F. Moore.

179. *DILUDIA INCRETA*.

Ancoryx increta, Walker, Cat. Lep. Het. B. M. xxxi, p. 36, (1864).

Diludia increta, Butler, Ill. Typ. Lep. Het. B. M., v, p. 4, pl. 41, fig. 7, (1879).

Diludi. vates (figs. only), Butler, Trans. Zool. Soc. Lond. ix, p. 616, pl. 91, figs. 18, 19, (1876).

Recorded from Shanghai, Masuri, and S. India.

180. *DILUDIA VATES*.

Diludia vates, Butler, Proc. Zool. Soc. Lond. 1875, p. 13, No. 28.

Moore, Lep. Ceyl. ii, p. 3, pl. 74, figs. 1, 1a, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 289.

Maerosila discistriga (part), Walker, Cat. Lep. Het. B. M. viii, p. 209, (1856).

Ancoryx pinastri (?), Walker, Cat. Lep. Het. B. M. viii, p. 223, (1856).

Diludia abietina, Boisd., Sp. Gén. Lep. Het. i, p. 106, No. 47, (1875).*

Recorded from Ceylon, Madras, Sylhet, Himalayas, Moulmein, and Bombay.

Type is in the British Museum.

In Indian Museum is one doubtful specimen from Sikkim.

In Collection, Swinhoe, from Neilgherries, Poona, Bombay.

[N.B.—The larva and pupa of *D. increta* are figured by Butler, Trans. Zool. Soc. Lond. ix, pl. 91, figs. 18, 19, under the name of *D. vates*.]

Genus *Hylolius*.

181. *HYLOIUS ASIATICUS*.

Hylolius asiaticus, Butler, Proc. Zool. Soc. Lond. 1875, p. 260, No. 58.

Trans. Zool. Soc. Lond. ix, p. 616, (1876).

Recorded from Scinde?

Allied to *H. pinastri* (Europe), and *H. uniformis*.

Type is in the British Museum.

182. HYLOICUS UNIFORMIS.

Hyloicus uniformis, Butler, Proc. Zool. Soc. Lond. 1875, p. 281, No 59.
Trans. Zool. Soc. Lond. ix, p. 616, (1876).

Recorded from Simla.

Allied to *H. asiaticus*.

Type is in Collection, F. Moore.

In Collection, Swinhoe, are specimens from Simla.

Genus *Sphinx*.

183. SPHINX ORNEUS.

Sphinx orneus, Westw., Cab. Or. Ent., p. 13, pl. 6, fig 3, (1848).

Recorded from Central India.

184. SPHINX SANGUINOSA.

Sphinx sanguinosa, Martyn, Psyche, pl 26, figs. 68, 69.*

Recorded from Tranquebar.

Genus *Nephele*.

185. NEPHELE HESPERA.

Sphinx hespera, Fabr., Syst. Ent., p 546, No. 33, (1775).

Sphinx chiron, Cramer, Pap. Exot. ii, p. 62, pl. 137, fig E, (1777).

Sphinx morpheus (var.), Cramer, l. c., p. 84, pl. 149, fig D, (1777).

Sphinx didyma, Fabr., Sp. Ins. ii, p. 148, No. 41, (1781).

Nephele chiron, Hubner, Verz. Bek. Schmett., p. 133, No. 1434, (1816).

Nephele morpheus, Hubner, l. c., No. 1432, (1816).

Sphinx quaterna, Chapentier, Ed. Esper's, Aus. Schmett. Sp., pl. 1, fig. 2, (1830).*

Zonitza chiron, Walker, Cat. Lep. Hct. B. M. viii, p. 196, No. 8, (1856).

Zonitza morpheus, Walker, l. c., p. 194, No. 5, (1856).

Perigonia obliterans, Walker, l. c., xxxi, p. 28, (1864).

Nephele hespera, Saalmuller, Lep. Madag. i, p. 133, pl. 3, fig. 42.*

Butler, Trans. Zool. Soc. Lond. ix, p. 624, pl. 91, figs 20, 21, larva and pupa, (1876).

Moore, Lep. Ceyl. ii, p. 2, pl. 72, figs. 1, 1a, 1b, imago, larva and pupa, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 287.

Recorded from Almorah, Landour, Bombay, Kanara, Coromandel, Ceylon, Australia, and Madagascar.

In Indian Museum are specimens from Calcutta, Sibsagar, Kulu and Ceylon.

In Collection, Swinhoe, from Simla, Bombay, Poona, Mhow, Sattara, Cambelipur, Karachi, Ceylon.

Genus *Calymnia*.

186. CALYMNIA PANOPUS.

Sphinx panopus, Cramer, Pap. Exot. iii, p. 50, pl. 224, figs. A, B, (1779).

Amblypterus panopus, Hubner, Verz. Bek. Schmett., p. 133, No. 1430, (1816).

Moore, Lep. Ceyl. ii, p. 13, pl. 81, figs. 1, 1a, 1b, imago, larva and pupa, (1882).

Smerinthus panopus, Westw., Cab. Or. Ent., p. 13, pl. 6, fig. 2, (1846)

Calymnia panopus, Walker, Cat. Lep. Het. viii, p. 124, No. 1, (1856).

Boisd., Sp. Gén. Lep. Het., p. 13, (1876) *

Butler, Trans. Zool. Soc. Lond. ix, p. 625, (1876).

Recorded from Java, Ceylon, and North India.

In Indian Museum are specimens from Sylhet.

In Collection, Swinhoe, from Neilgherries, Sylhet.

187. CALYMNIA PAVONICA.

Calymnia pavonica, Moore, Proc. Zool. Soc. Lond. 1877, p. 596

Recorded from the South Andaman Islands.

Allied to *C. panopus*.

Besides the specimens enumerated in the Catalogue, there are in the Indian Museum the following, which are either undetermined, or from localities other than India :—

Macroglossa, n. sp., Swinhoe, MS. near *M. proxima*, a specimen from Johore.

Macroglossa avicula, Boisd., a specimen from Java.

Macroglossa fusciformis, a specimen from Trans-Caucasia

Macroglossa corythus, Walker, a specimen from Java.

Acosmeryx, sp., a specimen from Sikkim.

Pergea, n. sp., Swinhoe, allied to *P. aurifera*, from Shillong.

Charocampa suffusa, Walker, a specimen from Perak, besides one from Johore, which is much faded, but which probably belongs to the same species.

Charocampa, sp., a specimen with no history.

Deilephila euphorbia, Linn., a pair from Europe.

Smerinthus ocellatus, Linn., a specimen from Europe, and one with no recorded locality

Lathoe populi, Linn., a specimen from Europe

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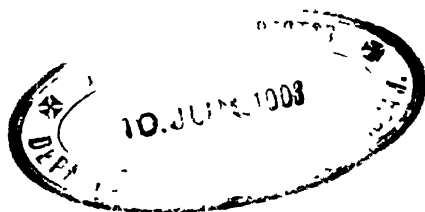
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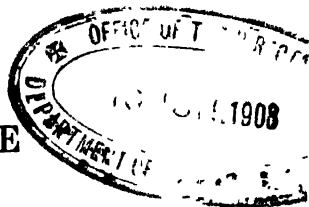
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A
CATALOGUE



OF

THE MOTHS OF INDIA,

COMPILED BY

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,

AND

COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

Pt. II.—BOMBYCES.



CALCUTTA:

PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.

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541
GROUP BOMBYCES.

FAMILY ÆGERIIDÆ.

Genus *Sphecia*.

188. *SPHECIA CONTRACTA*.

Sphecia contracta, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856).
I. M., Sibsagar.

189. *SPHECIA REPANDA*.

Sphecia repanda, Walker, Cat. Lep. Het. B. M. pt. viii, p. 11, (1856).
N. India.

Genus *Pramila*.

190. *PRAMILA ATKINSONI*.

Pramila atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 9, pl. 2, fig. 1, (1879).
Sikkim.

Genus *Tinthia*.

191. *TINTHIA CUPREIPENNIS*.

Ægeria cupreipennis, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 11, (1864).
Tinthia cupreipennis, Butler, Ann. N. H. ser. iv, vol. 14, p. 408, (1874).
S. India.

Genus *Ægeria*.

192. *ÆGERIA ALTERNA*.

Ægeria alterna, Walker, Cat. Lep. Het. B. M. pt. xxxi, p. 10, (1864).
S. India.

193. *ÆGERIA FLAVA*.

Ægeria flava, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879).
Darjiling.

194. *ÆGERIA TRICINCTA*.

Ægeria tricineta, Moore, Descr. Ind. Lep. Atk. i, p. 8, (1879).
Kellicott, Bull. Buñ. Soc. iv, p. 62, (1882)*

Darjiling.

Part II.

Genus *Melittia*.195. *MELITTIA ASTARTE*.*Trochilium astarte*, Westw., Cab. Or. Ent. p. 61, pl. 30, fig. 4, (1848).*Melittia astarte*, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).

Central India.

196. *MELITTIA BOMBYLIFORMIS*.*Sphinx bombiliformis*, Cramer, Pap. Exot. iv, p. 241, pl. 400, fig. c, (1782).*Melittia anthredoniformis*, Hübn. Verz. Bek. Schmett. p. 128, (1816).*Melittia bombyliformis*, Walker, Cat. Lep. Het. viii, p. 69, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 284, (1859).

Proc. Zool. Soc. Lond. 1865, p. 794.

Melittia bombylipennis, Boisd., Lep. Het. i, p. 465, (1875).*

I. M., Sibsagar (Peal).

Also recorded from Java.

197. *MELITTIA EURYTION*.*Trochilium eurytion*, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 5, (1848).*Melittia eurytion*, Walker, Cat. Lep. Het. B. M. viii, p. 70, (1856).

Moore, Proc. Zool. Soc. Lond. 1865, p. 794.

I. M., Cachar (Wood-Mason), and Buxa (Moti Ram).

Collection Swinhoe, Sylhet, Sibsagar, Poona.

198. *MELITTIA GIGANTEA*.*Melittia gigantea*, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.

Waterhouse, Aid. ii, pl. 131, fig. 4, (1883).*

Mussooree.

199. *MELITTIA INDICA*.*Melittia indica*, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, (1874).*Melittia bombyliformis* (part), Walker, Cat. Lep. Het. B. M. viii, p. 69, (1856).

N. India.

200. *MELITTIA NEPCHA*.*Melittia nepcha*, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879).

Darjiling.

201. *MELITTIA NEWARA*.*Melittia newara*, Moore, Descr. Ind. Lep. Atk. i, p. 10, (1879).

Darjiling.

202. *MELITTIA PHORCUS*.*Trochilium phorcus*, Westw., Cab. Or. Ent., p. 62, pl. 30, fig. 7, (1848).*Melittia phorcus*, Butler, Ann. Mag. N. H. iv, vol. 14, p. 411, note, (1874).

I. M., Sibsagar (Peal).

Also recorded from Central India.

203. *MELITTIA STAUDINGERI*.

Melittia staudingeri, Boisd., Lep. Het. i, p. 475, (1875).*
Sylhet.

Genus *Lenyra*.

204. *LENYRA ASHTAROTH*.

Trochilium ashtaroth, Westw., Cab. Or. Ent., p. 14, pl. 6, fig. 5, (1848).
Lenyra ashtaroth, Walker, Cat. Lep. Het. B. M. viii, p. 71, (1856).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus *Thyris*.

205. *THYRIS ASILIFORMIS*.

Sphinx asiliformis, Fabr., Ent. Syst. iii, i, p. 357, (1793).
Thyris asiliformis, Walker, Cat. Lep. Het. viii, p. 260, (1856).
India.

Genus *Trilochana*.

206. *TRILOCHANA SCOLIOIDES*.

Trilochana scoloides, Moore, Descr. Ind. Lep. Atk. i, p. 10, pl. 2, fig. 2,
(1879).
Darjiling.

Genus *Pseudosesia*.

207. *PSEUDOSESIA GROTEI*.

Pseudosesia grotei, Moore, Proc. Zool. Soc. Lond. (1879), p. 414.
N. India.

Genus *Sciapteron*.

208. *SCIAPTERON SIKKIMA*.

Sciapteron sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 9, (1879).
Darjiling.

Genus *Sura*.

209. *SURA CHALYBEA*.

Sura chalybea, Butler, Proc. Zool. Soc. Lond. 1876, p. 309, pl. 22, fig. 4.
Singapore.

Genus *Pachythiris*.

210. *PACHYTHIRIS RAJAH*.

Pachythiris rajah, Boisd., Lep. Het. i, p. 492, (1875).*
Guen., Ann. Soc. Ent. Fr. 1877, p. 281.
Central India.

Family ZYGÆNIDÆ.

Genus *Zygæna*.

211 ZYGÆNA AFGHANA

Zygæna afghana, Moore, Cat. Lep. Mus. E. I. C. II, p. 286, pl. VIIA, fig. 1,
(1859).
Afghanistan.

212. ZYGÆNA ASOKA.

Zygæna asoka, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.
N.-W. India

213. ZYGÆNA CASHMIRENSIS.

Zygæna cashmirensis, Kollar, Kashmir, Von Hugel, IV, p. 459, pl. 19, fig.
6, (1848).
———— Walker Cat. Lep. Het. B. M. I, p. 102 (1854)
———— Moore, Cat. Lep. Mus. E. I. C. II, p. 286, (1859).

I. M., Mussoorie (Templeton).
Collection Swinhoe, Simla, Kasauli, Murree.
Also recorded from Kashmir, Nepal

Genus *Procris*.

214 PROCRIS STIPATA

Procris stipata, Walker, Cat. Lep. Het. B. M. I, p. 114, (1854)
———— Butler, Ill. Typ. Lep. Het. B. M. I, p. 13, pl. 7, fig. 9,
(1877).
N. India

Genus *Northia*.

215 NORTHIA KHASIANA.

Northia khasiana, Moore, Descr. Ind. Lep. Atk. I, p. 12, (1879)
Khasi Hills.

Genus *Tasema*.

216 TASEMA BIPARS.

Tasema bipars, Walker, Cat. Lep. Het. B. M. VII, p. 1597, (1856).
India.

Genus *Procotes*.

217. PROCOTES DIMINUTA.

Euchromia diminuta, Walker, Cat. Lep. Het. B. M. I, p. 230, (1854)
Syntomis diminuta, Walker, loc. cit. VII, p. 1592, (1856)
Procotes diminuta, Butler, Journ. Linn. Soc. Lond. 1878, p. 355
———— Moore, Lep. Ceyl. II, p. 37, pl. 95, fig. 3, (1882).
Ceylon.

Genus *Syntomis*.

218. *SYNTOMIS ALBIFRONS*.

Syntomis albifrons, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 6.
Tenasserim.

219. *SYNTOMIS ANDERSONI*.

Syntomis andersoni, Moore, Proc. Zool. Soc. Lond. 1871, p. 244, pl. 18, fig. 1
Anderson's Researches, p. 926, pl. 81, fig. 4,
(1878)
Yunan.

220. *SYNTOMIS APERIFENS*.

Syntomis aperiens, Walker, Cat. Lep. Het. B. M. xxxi, p. 68, (1861).
S. India

221. *SYNTOMIS ARTINA*.

Syntomis artina Butler Journ. Linn. Soc. Lond. 1876, p. 347
Moore, Lep. Cyl. II, p. 35, pl. 94, fig. 4, (1882)
Collection Swinhoe, Ceylon.
Also recorded from Calcutta.

222. *SYNTOMIS ATEREUS*.

Sphinx atereus, Cramer, Pap. Exot. IV p. 240, pl. 400, fig. A, (1779).
Syntomis aterea, Hubner, Verz. Bek. Schmett., p. 122, (1816)
Syntomis atereus, Walker, Cat. Lep. Het. B. M. I, p. 128, (1851).
Collection Swinhoe, Umballa
Also recorded from Madras, China

223. *SYNTOMIS ATKINSONI*

Syntomis atkinsoni, Moore, Proc. Zool. Soc. Lond. 1871, p. 245, pl. 18,
fig. 2
Butler, Journ. Linn. Soc. Lond. 1876, p. 347.
Moore, Anderson's Researches, p. 927, pl. 81, fig. 5,
(1878)
Proc. Zool. Soc. Lond. 1878, p. 845.
I. M. Mergui (Anderson), Cachar (Wood-Mason).
Also recorded from Yunnan, Moulmein, Tenasserim.

224. *SYNTOMIS AUSTENI*.

Syntomis austeni, Moore, Proc. Zool. Soc. Lond. 1879, p. 389.
N.-E. Bengal.

225. *SYNTOMIS BERINDA*.

Syntomis berinda, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 8
I. M., Sibsaagar (Peal), Cachar.
Also recorded from Tenasserim.

226 SYNTOMIS BICINCTA.

Syntomis bicincta, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl 19, fig 8,
(1848)

————— Walker, Cat Lep Het B M i, p 120, (1854)

I M, Sikkim (Barnes), N Khasi, Kulu (purchased)

Collection Swinhoe, Simla, Sikkim.

227. SYNTOMIS CERBERA.

Sphinx cerbera, Linn, Mus Lud Ulr, p 363, (1764)

————— Syst Nat I, 2, p 806, (1767)

————— Cram., Pap Exot i, p 13, pl 83, fig. F (1775)

Zygana cerbera, Fabr, Sp Ins ii, p 160, (1781)

————— Mant Ins ii, p 103, (1787)

————— Ent Syst iii, I, p 391, (1793)

————— Sulz Abgek Gesch, pl 23, fig 110, (1776) *

Sphinx (Zygana) cerbera, Gmel, Ed Syst Nat i, 5, p 239 *

Canochromia cerbera Hubner, Verz Bek Schmett p 121, (1816)

Syntomis cerbera, Boisd, Mon Zyg p 118 pl 7, fig 6 (1829) *

————— Westw, Ed Drury, i pl 26 fig 2 (1837) *

————— Walker, Cat Lep Het B M. i, p 121, (1854)

Africa, Bengal

228. SYNTOMIS CHERRA.

Syntomis cherra, Moore, Descr Ind Lep Atk. i, p 12 (1879)

Cherapunji.

229 SYNTOMIS CUPRESPENNIS

Syntomis cuprespennis, Butler, Journ Linn Soc Lond. (1876) p 347

————— Swinhoe, Proc. Zool. Soc Lond 1885, p 210

I. M, Sibsagar.

Collection Swinhoe, Sikkim, Poona

Also recorded from Calcutta.

230 SYNTOMIS CYSSSEA.

Sphinx cyssesus, Cramer, Pap Exot iv, p 124, pl 355, fig B, (1782)

Zygana collaris, Fabr, Ent Syst iii, i, p 388, (1793)

Syntomis collaris, Hubner, Verz Bek Schmett, p 121, (1816)

Syntomis cysssea, Boisd, Mon Zyg 1143, pl. 7 fig 2, (1829) *

————— Walker, Cat Lep Het B M i, p 120 (1854)

————— Butler, Proc. Zool Soc Lond 1883, p 155

————— Swinhoe, Proc Zool Soc Lond 1886 p 436

Syntomis schanerrhi, Boisd, Mon Zyg, p 112, pl 7, fig 1, (1829) *

————— Walker, Cat Lep Het B M. i, p 120, (1854)

————— loc. cit vii p 1592, (1856).

Syntomis cuprea, Prittwitz, Stett Ent Zeit 1867, p 277

————— Butler, Journ Linn Soc Lond 1876, p 345.

I. M, Calcutta (de Niceville), Karachi (Swinhoe), Naga Hills.

Collection Swinhoe, Mhow, Bombay, Karachi.

Also recorded from Coromandel, Ceylon, Nepal.

231. SYNTOMIS CYSSSEOIDES.

Syntomis cyssseoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 346.
Moore, Lep. Ceyl. ii, p. 35, pl. 95, fig. 1, (1882).

Collection Swinhoe, North Canara.

Also recorded from Nilgiri Hills, Ceylon.

232. SYNTOMIS DIAPHANA.

Syntomis diaphana, Kollar, Kaschmir, Von Hügel, iv, p. 460, pl. 19, fig. 7, (1848).

Walker, Cat. Lep. Het. B. M. i., p. 126, (1854).

I. M., Sibsagar (Peal).

Also recorded from Mussooree.

233. SYNTOMIS DIPTERA.

Zygæna diptera, Fabr., Sp. Ins. ii, p. 165, (1781).

Mant. Ins. ii, p. 106, (1787).

Ent. Syst. iii, I, p. 403, (1793).

Syntomis diptera, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854).

E. Indies.

234. SYNTOMIS DISCINOTA.

Syntomis discinota, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879).

Khasi Hills.

235. SYNTOMIS DISRUPTA.

Syntomis disrupta, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 5.

Tenasserim.

236. SYNTOMIS DIVISA.

Syntomis divisa, Walker, Cat. Lep. Het. B. M. 1, p. 131, (1854).

Butler, Ill. Typ. Lep. Het. i, p. 16, pl. 6, fig. 14, (1877).

I. M., Khasi Hills.

Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

237. SYNTOMIS EXTENSA.

Syntomis extensa, Walker, Cat. Lep. Het. B. M. xxxv, p. 1863, (1866).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

Collection Swinhoe, Matheran, Mahableshtar.

238. SYNTOMIS FERVIDA.

Syntomis fervida, Walker, Cat. Lep. Het. B. M. i, p. 131, (1854).

Butler, Ill. Typ. Lep. Het. B. M. i, p. 18, pl. 6, fig. 16, (1877).

Moulmein, E. Indies.

I. M., a specimen with no history.

239. SYNTOMIS FYTCHII.

Syntomis fytches, Moore, Proc. Zool Soc Lond 1871, p. 246, pl 18, fig 3.
 ————— Anderson's Researches, p. 928, pl. 81, fig 6, (1878).

Yunan.

240. SYNTOMIS GEORGINA.

Syntomis georgina, Butler, Journ. Linn. Soc Lond. 1876, p. 345
 ————— Moore, Lep Ceyl. II, p. 34, pl 95, fig 2, (1882)

I. M., Ceylon (Colombo Museum).

Also recorded from S. India.

241. SYNTOMIS GODARTII.

Syntomis godartii, Boisd., Mon. Zyg. 115, pl 7, fig 3, (1829) *
 ————— Walker, Cat. Lep. Het. B. M. I, p. 121, (1854).

Bengal, Coromandel, Molucca Is.

242. SYNTOMIS GROTEI.

Syntomis grotei, Moore, Proc. Zool Soc Lond. 1871 p. 245, pl. 18, fig. 4
 ————— Anderson's Researches, p. 928, pl 81, fig 7, (1878).
 ————— Proc. Zool Soc Lond 1878, p. 844

Yunan, Tenasserim.

243. SYNTOMIS HYALINA.

Syntomis hyalina, Moore, Descr. Ind. Lep. Atk. I, p. 13, (1879).
 Darjiling.

244. SYNTOMIS HYDATINA.

Syntomis hydatina, Butler, Journ. Linn. Soc. Lond. 1876, p. 346
 Calcutta.

245. SYNTOMIS IMAON.

Sphinx adscita imaon, Cramer, Pap. Exot. III, p. 94, pl. 248, fig. E, (1779)
Syntomis imaon Hubner, Verz. Bek. Schmett. p. 122, (1816)

————— Boisd., Mon. Zyg. p. 114, (1829) *
 ————— Walker, Cat. Lep. Het. B. M. I, p. 127, (1854).

I. M., Sibsagar.

Also recorded from Ceylon, Sylhet, Hongkong, Surinam.

246. SYNTOMIS KHASIANA.

Syntomis khasiana, Butler, Journ. Linn. Soc. Lond. 1876, p. 345
 Khasi Hills.

247. SYNTOMIS LATREILLII.

Syntomis latreillii, Boisd., Mon. Zyg., p. 117, pl. 7, fig. 5, (1829) *
 ————— Chenu, Enc. d'Hist. Nat. Pap. p. 246, fig. 426 *
 ————— Walker, Cat. Lep. B. M. I, p. 121, (1854)
 ————— Butler, Journ. Linn. Soc. Lond. 1876, p. 343.

Java, Amboina, China, S. India.

248. SYNTOMIS LEPCHA.

Syntomis lepcha, Moore, Descr. Ind. Lep. Atk. I, p. 12, (1879).

Darjiling.

249. SYNTOMIS LIBERA.

Syntomis libera, Walker, Cat. Lep. Het. B. M. xxxi, p. 78, (1864).

Moore, Proc. Zool. Soc. Lond. 1878, p. 845.

Upper Tenasserim.

250. SYNTOMIS LUCINA.

Syntomis lucina, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.

Nepal, Calcutta.

251. SYNTOMIS MASONI.

Syntomis masoni, Moore, Proc. Zool. Soc. Lond. 1878, p. 845, pl. 53, fig. 4.

Tenasserim.

252. SYNTOMIS MELAS.

Syntomis melas, Walker, Cat. Lep. Het. B. M. i, p. 133, (1854).

Butler, Ill. Typ. Lep. Het. B. M., i, p. 17, pl. 6, fig. 10, (1877).

I. M., Dunsiri, Shillong, N. Khasi, Sibsagar.

Collection Swinhoe, Simla.

Also recorded from Nepal.

253. SYNTOMIS MONTANA.

Syntomis montana, Butler, Journ. Linn. Soc. Lond. 1876, p. 349.

Moore, Lep. Ceyl. II, p. 36, pl. 94, fig. 5, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290.

I. M., Poona (Murray), Karachi.

Collection Swinhoe, Poona.

Also recorded from Ceylon, Bombay.

254. SYNTOMIS NEWARA.

Syntomis newara, Moore, Descr. Ind. Lep. Atk. i, p. 12, (1879).

Darjiling.

255. SYNTOMIS OCHSENHEIMERI.

Syntomis ochenheimeri, Boisd., Mon. Zyg., p. 116, pl. 7, fig. 4, (1829).*

Walker, Cat. Lep. Het. B. M. i, p. 121, (1854).

Bengal, Java, Africa.

256. SYNTOMIS ÆNONE.

Syntomis ænone, Butler, Journ. Linn. Soc. Lond. 1876, p. 344.

Syntomis diaphana, var. Walker, Cat. Lep. Het. B. M. i, p. 128, (1854).

Mussooree.

257. SYNTOMIS PASSALIS

Zygana passalis, Fabr, Sp Ins ii, p 159, (1781).

_____ Mant. Ins ii, p 102, (1787).

_____ Ent Syst iii, p 391, (1793).

Sphinx creusa, Cramer, Pap Exot ii, p 94, pl 248 fig F, (1779)

Syntomis creusa, Boisd, Mon Zyg, p 121, pl 7, fig I, (1829) *

_____ Walker, Cat Lep Het B M i, p 123, (1854).

Syntomis passalis, Boisd, Mon Zyg, p 120, (1829) *

_____ Walker, Cat Lep. Het B M i, p. 123, (1854).

_____ Moore, Lep Ceyl. ii p 35, (1882)

_____ Swinhoe, Proc Zool Soc Lond 1885, p 290

I M, Sibsagar (Peal), Calcutta, Bangalore (Nevill).

Collection Swinhoe, Poona, Calcutta.

Also recorded from Coromandel, Ceylon

258. SYNTOMIS PECTORALIS

Syntomis pectoralis, Walker, Cat Lep. Het B M i, p 133, (1854)

E. Indies

259. SYNTOMIS SARGANIA.

Syntomis sargania, Butler, Trans Ent Soc Lond 1879, p 4

Cachar.

260. SYNTOMIS SIAMICA.

Syntomis siamica, Walker, Cat Lep Het B M xxxi, p 70, (1864)

Siam.

261 SYNTOMIS SLADENI.

Syntomis sladeni Moore, Proc Zool Soc Lond 1871 p 245, pl 18 fig 5

_____ Anderson's Researches, p 927, pl 81, fig 8, (1878).

_____ Proc. Zool Soc Lond 1878, p 844.

Yunan, Tenasserim

262. SYNTOMIS SUBMARGINALIS

Syntomis submarginalis, Walker, Char Undescr Lep Het p 89, (1869)

Benares

Genus *Callitomis*.

263. CALLITOMIS LEUCOSOMA.

Callitomis leucosoma, Butler, Journ. Linn Soc Lond 1876, p 351.

Kashmir

264 CALLITOMIS SYNTOMOIDES.

Callitomis syntomoides, Butler, Journ. Linn Soc. Lond 1876, p 351.

Kashmir.

Genus **Psychotoe**.

265. **PSYCHOTOE DUVAUCELII.**

Psychotoe duvaucelis, Boisd., Mon. Zyg., p. 129, pl. 8, fig. 5, (1829) *
 Walker, Cat. Lep. Het. B. M. vii, p. 1597, (1856).
 Butler, Journ. Linn. Soc. Lond. 1876, p. 354.

I. M., Calcutta, Karachi (MurRAY).
 Collection Swinhoe, Calcutta, Jerruk (Sind).

266 **PSYCHOTOE INCIPIENS**

Syntomis incipiens, Walker, Cat. Lep. Het. B. M. xxxi, p. 68 (1864).
Psychotoe incipiens, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.
 S. India.

Genus **Hydrusa**.

267. **HYDRUSA FUSIFORMIS.**

Syntomis fusiformis, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856).
Hydrusa fusiformis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
 India.

268. **HYDRUSA MULTIGUTTA**

Syntomis multigutta, Walker, Cat. Lep. Het. B. M. i, p. 134, (1854).
Hydrusa multigutta, Butler, Ill. Typ. Lep. Het. i, p. 19, pl. 7, fig. 3, (1877).
 Collection Swinhoe, Sikkim.
 Also recorded from Nepal.

269 **HYDRUSA TENUIFORMIS.**

Syntomis tenuiformis, Walker, Cat. Lep. Het. B. M. vii, p. 1595, (1856).
Hydrusa tenuiformis, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
 India.

270 **HYDRUSA VITREA.**

Syntomis vitrea, Walker, Cat. Lep. Het. B. M. vii, p. 1594, (1856).
Hydrusa vitrea, Butler, Journ. Linn. Soc. Lond. 1876, p. 345.
 Sylhet.

Genus **Trianura**.

271 **TRIANURA MOOREI.**

Trianura moorei, Butler, Journ. Linn. Soc. Lond. 1876, p. 354.
 Bombay.

Genus **Eressa**.

272 **ERESSA AFFINIS**

Eressa affinis, Moore, Proc. Zool. Soc. Lond. 1877, p. 596, pl. 59, fig. 3.
 I. M., Andaman Is. (purchased).
 Collection Swinhoe, Travancore, S. Andamans.
 Also recorded from Calcutta, Khasi Hills.

273. *ERESSA CONFINIS*.

Glaucopsis confinis, Walker, Cat Lep Het B M i, p 149, (1854).

Syntomis confinis, Walker, loc cit vii, p 1592, (1856).

Hydrusa confinis, Butler, Journ Linn Soc. Lond 1876, p 345.

Eressa confinis, Moore, Lep Ceyl ii, p 36, pl 95, fig 6, (1882).

— Swinhoe, Proc. Zool. Soc. Lond 1886, p 436.

I. M., Kulu (purchased).

Collection Swinhoe, Mhow N.-W. Himalayas.

Also recorded from Ceylon.

274. *ERESSA MUSA*.

Eressa musa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 290, pl 20, fig. 1.

Bombay.

Allied to *E. confinis*.

275. *ERESSA SUBAURATA*.

Glaucopsis subaurata, Walker, Cat Lep Het B. M i, p 149 (1854)

Syntomis subaurata, Walker, Cat Lep Het B M vii, p 1593 (1856).

Thianura subaurata, Butler, Journ Linn Soc Lond 1876, p 354

Eressa subaurata, Moore, Lep Ceyl. ii, p. 36, pl 95, fig 4, (1882).

I M., Calcutta, N. Khasi Hills.

Also recorded from Ceylon.

Allied to *E. confinis*.

Genus **Dysauxes**.276. *DYSAUXES INDICA*.

Dysauxes indica, Moore, Proc Zool Soc. Lond 1879, p 390

— Swinhoe, Proc Zool Soc Lond. 1885, p. 291.

Collection Swinhoe, Bombay.

Genus **Debos**.277. *DEBOS IRATUS*.

Debos iratus, Swinhoe, Proc Zool. Soc. Lond, 1885, p. 291, pl. 20, fig 7

Deccan.

Genus **Notioptera**.278. *NOTIOPTERA DOLOSA*.

Syntomis dolosa, Walker, Cat. Lep. Het B M. L. vii, p 1594, (1856).

Notioptera dolosa, Butler, Journ Linn Soc Lond 1876, p 355

— Ill Typ Lep Het. v, p 27, pl 84, fig. 11, (1881).

N. India.

279. *NOTIOPTERA GLAUCOPOIDES*.

Syntomis glaucopoides, Walker, Cat Lep. Het B M. xxxi, p 69, (1864).

Notioptera glaucopoides, Butler, Journ. Linn. Soc. Lond. 1876, p. 355.

S. India.

Genus **Thyrassia**.

280. **THYRASSIA SUBCAUDATA.**

Syntomis subcaudata, Walker, Cat Lep Het B M 1, p 132, (1854)

Thyrassia subcaudata, Butler, Journ Linn Soc Lond 1876, p 355

Ill Typ Lep Het 1, p. 19, pl 7, fig 5,
(1877)

Collection Swinhoe, Bombay.

Also recorded from N. India

Genus **Euchromia**

281. **EUCHROMIA AMÆNA.**

Phalanna amæna, Moschler, Stett Ent Zeit. 1872, p. 350.

Sylhet.

282. **EUCHROMIA AURATA**

Sphinx aurata, Cramer Pap Exot pl 264, fig A (1779)

P. impostola auratus, Hubner, Verz Bek Schmett p 120, (1816)

Euchromia (Diospage) aurata, Walker, Cat Lep Het B. M 1, p 213,
(1854)

Coromandel.

283 **EUCHROMIA CREUSA.**

Sphinx creusa, Linn Syst Nat n 806 39, (1767)

(Clerck, Icon pl 46 fig 94)

Sphinx trux Cramer Pap Exot iv, pl 368, fig A, (1781).

Canthima creusa Hubn, Verz Bek Schmett p 121 (1816)

Euchromia creusa, Moore, Lep Ceyl n, p 35, note, (1882)

Bengal, Coromandel.

284 **EUCHROMIA FLAMMANS**

Euchromia (Phauda) flammans, Walker, Cat Lep Het B M 1, p 257,
(1854)

Phauda flammans, Butler, Ill Typ Lep Het 1, p 20, pl 9, fig. 2, (1877).

N India

I M, a specimen with no history.

285 **EUCHROMIA LAURA.**

Euchromia laura, Butler, Journ Linn Soc Lond 1876, p 364

E. Indies.

286 **EUCHROMIA ORIENTALIS.**

Euchromia orientalis, Butler, Journ Linn Soc Lond 1876, p 364.

Collection Swinhoe, Rangoon.

Also recorded from N. India.

287. *EUCHROMIA POLYMENA*.

Sphinx polymena, Linn., Syst. Nat. ii, p. 806, (1767).

Cramer, Pap. Exot., pl. 13, fig. D, (1775).

Zygana polymena, Fabr., Sp. Ins. ii, p. 162, (1781).

Mant. Ins. ii, p. 104, (1787).

Ent. Syst. iii, 1, 396, 34, (1793).

Euchromia polymena, Hübn., Verz. Bek. Schmett., p. 121, (1816).

Walker, Cat. Lep. Het. B. M. i, p. 219, (1854).

Butler, Journ. Linn. Soc. Lond. 1876, p. 364.

Moore, Proc. Zool. Soc. Lond. 1877, p. 506.

Lep. Ceyl. ii, p. 39, pl. 94, figs. 6, 6a, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 514.

Glaucopsis polymena, Westw., Ed. Drury i, p. 50, pl. 26, fig. 1, (1837).*

I. M., Cachar (Wood-Mason), Sylhet, Sibsagar (Peal), Calcutta (Cotes), Sinkip Is. (a variety).

Collection Swinhoe, Calicut, Bombay, Belgaum, Karachi, Ceylon. Also recorded from China, Penang, Celebes, Andaman Is.

288. *EUCHROMIA RHEBUS*.

Sphinx (adscita) rebus, Cramer, Pap. Exot., pl. 234, fig. F., (1779).

Pompostola rebus, Hübn., Verz. Bek. Schmett., p. 120, (1816).

Euchromia (Diospage) rebus, Walker, Cat. Lep. Het. B. M. i, p. 213, (1854).

E. Indies, Africa.

289. *EUCHROMIA SIAMENSIS*.

Euchromia siamensis, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.

Siam.

290. *EUCHROMIA THELEBAS*.

Sphinx thelebas, Cramer, Pap. Exot., pl. 150, fig. D. (1777).

Euchromia thelebe, Hübn., Verz. Bek. Schmett., p. 121, (1816).

Euchromia (Hippola) thelebas, Walker, Cat. Lep. Het. B. M. i, p. 225, (1854).

Euchromia thelebas, Butler, Journ. Linn. Soc. Lond. 1876, p. 365.

Bengal.

Genus *Callizygæna*.291. *CALLIZYGÆNA NIVIMACULA*.

Callizygæna nivimacula, Felder, Reise der Novara, pl. 83, fig. 4, (1864-75).

Moore, Lep. Ceyl. ii, p. 38, pl. 95, fig. 5, (1882).

Ceylon.

Genus *Artona*.292. *ARTONA CONFUSA*.

Artona confusa, Butler, Journ. Linn. Soc. Lond. 1876, p. 357.

Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 10, (1881).

Syntomis hübnéri (part), Walker (nec Boisd.), Cat. Lep. Het. B. M. i., p. 125, (1854).

I. M., Sibsagar (Peal).

Collection Swinhoe, Mandi (Elwes).

293. ARTONA DISCIVITTA.

Artona discivitta, Walker, Cat. Lep. Het. B. M. ii, p. 440, (1854).
Butler, Journ. Linn. Soc. Lond. 1876, p. 356.
Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 8, (1881).
 N. India, S. India, Almora.

294. ARTONA FULIGINOSA.

Artona fuliginosa, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879).
 Darjiling.

295. ARTONA FULVIDA.

Artona fulvida, Butler, Journ. Linn. Soc. Lond. 1876, p. 356.
 Moulmein.

296. ARTONA HÜBNERI.

Syntomis hübneri, Boisd., Mon. Zyg., p. 127, pl. 8, fig. 4, (1829).
(Part), Walker, Cat. Lep. Het. B. M. i, p. 125, (1854).
Artona hübneri, Butler, Journ. Linn. Soc. xii, 1876, p. 344.
 Himalaya, Java, Amboina.

297. ARTONA POSTVITTA.

Artona postvitta, Moore, Descr. Ind. Lep. Atk. i, p. 13, (1879).
 Darjiling.

298. ARTONA QUADRIMACULATA.

Artona quadrimaculata, Moore, Proc. Zool. Soc. Lond. (1879), p. 390.
 Mussooree.

299. ARTONA ZEBRAICA.

Artona zebraica, Butler, Journ. Linn. Soc. Lond. 1876, p. 356.
Ill. Typ. Lep. Het. v, p. 27, pl. 84, fig. 9, (1881).
 I. M., Kulu (purchased).
 Collection Swinhoe, Darjiling.
 Also recorded from Almora, Mussooree.

Genus **Rhaphidognatha.**

300. RHAPHIDOGNATHA NIGRESCENS.

Artona nigrescens, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.
 I. M., Kulu (purchased), Mandi.
 Collection Swinhoe, Mandi (Elwes).

Genus **TASCIA**.301. **TASCIA CUPREA**

Syntomis cuprea, Walker, Cat. Lep. Het. B. M. vii, p. 1596, (1856).

Tascia cuprea, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

I. M., Sikkim (purchased), Kulu (purchased).

Collection Swinhoe, Simla.

302. **TASCIA QUADRICOLOR.**

Syntomis quadricolor, Walker, Cat. Lep. Het. B. M. vii, p. 1596, (1856).

Tascia quadricolor, Butler, Journ. Linn. Soc. Lond. 1876, p. 358.

India.

Genus **PHACUSA**.303. **PHACUSA TENEBROSA.**

Glaucopsis tenebrosa, Walker, Cat. Lep. Het. B. M. i, p. 150, (1854)

Syntomis tenebrosa, Walker, *loc. cit.*, vii, p. 1592, (1856)

Phacusa tenebrosa, Butler, Journ. Linn. Soc. Lond. 1876, p. 359

Ill. Typ. Lep. Het. i, p. 20, pl. 12, fig. 1,
(1877).

I. M., Sibsagar (Peal).

304. **PHACUSA THORACICA.**

Phacusa thoracica, Moore, Ann. Mag. Nat. Hist. ser. 4, xx, p. 343 (1877).

Lep. Ceyl. n, p. 38, pl. 95, fig. 7, (1882)

Ceylon

Genus **Trypanophora**.305. **TRYPANOPHORA ATKINSONI.**

Trypanophora atkinsoni, Moore, Descr. Ind. Lep. Atk. i, p. 15, (1879)

Darjiling.

306. **TRYPANOPHORA SEMIHYALINA.**

Trypanophora semihyalina, Kollar, Kaschmir, Von Hügel, iv, p. 457, pl. 19,
figs. 1—4, (1848).

Moore, Cat. Lep. Mus. E. I. C. n, p. 322, pl. 14,
fig. 6, (1859)

Butler, Journ. Linn. Soc. Lond. 1876, p. 344

Walker, Cat. Lep. Het. B. M. n, p. 434, (1854).

loc. cit. xxxi, p. 126, (1864)

Syntomis humeralis, Walker, Cat. Lep. Het. B. M. vii, p. 1593, (1856).

Trypanophora humeralis, Moore, *loc. cit.* lv, 2, p. 972, (1886).

I. M., Calcutta (deNiceville), Sikkim, Tavoy (Moti Ram), Cachar
(Wood-Mason).

Collection Swinhoe, Kashmir, Sikkim.

307. TRYPANOPHORA TAPROBANES.

Trypanophora taprobanes, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).
 ————— Moore, Lep. Ceyl. ii, p. 40, pl. 95, figs. 8, 8a,
 (1882).

Ceylon.

FAMILY AGARISTIDÆ.

Genus *Eusemia*.

308. EUSEMIA ADULATRIX.

Eusemia adulatrix, Kollar, Kaschmir, Von Hugel, iv, p. 464, pl. 20, fig. 1,
 (1848).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).

————— Butler, Ent. Monthly Mag. Lond. xii, p. 117, (1875).

Sikkim, Nepal.

309 EUSEMIA AFFLICTA.

Eusemia afflictata, Butler, Ent. Monthly Mag. xii, p. 118, (1875).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

————— Proc. Zool. Soc. Lond. 1886, p. 436.

Collection Swinhoe, Poona, Mhow.

Also recorded from Bombay.

310 EUSEMIA ALBOMARGINATA.

Eusemia albomarginata, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.

————— Butler, Ent. Monthly Mag. xii, p. 124, (1875).

Burma.

311. EUSEMIA AMATRIX.

Eusemia amatrix, Westw., Cab. Or. Ent., p. 68, pl. 33, fig. 4, (1848).

————— Walker, Cat. Lep. Het. B. M. i, p. 49, (1854).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 676.

————— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).

Assam, Java.

312 EUSEMIA ARUNA.

Eusemia aruna, Moore, Cat. Lep. Mus. E. I. C. ii, p. 288, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 676.

————— Butler, Ent. Monthly Mag. Lond. xii, p. 123, (1875).

————— Ill. Typ. Lep. Het. v, p. 18, pl. 62, fig. 6, (1881).

Collection Swinhoe, Sikkim.

313. EUSEMIA AUSTENI.

Eusemia austeni, Moore, Descr. Ind. Lep. Atk. i, p. 11, (1879).

Khasi Hills.

Part II.

314 EUSEMIA BASALIS

- Eusemia basalis*, Walker, Cat Lep Het B M 1, p. 53, (1854)
 _____ Moore, Cat. Lep Mus E I C 11, p 290, (1859)
 _____ Proc Zool Soc Lond 1867, p 676
 _____ Butler, Ent Monthly Mag xii p 122 (1875)
 _____ Ill. Typ Lep Het 1, p 9, pl 5, fig 2, (1877)

I. M., Sibsagar (Peal)
 Also recorded from Bengal.

315. EUSEMIA BELLATRIX

- Eusemia bellatrix*, Westw, Cab Or Ent, p 67, pl 33, fig 2 (1848)
 _____ Walker, Cat Lep Het B M 1 p 46, (1854)
 _____ Moore Cat Lep Mus F I C 11 p 288, (1859)
 _____ Butler, Ent Monthly Mag Lond xii, p 117, (1875)

I. M., Cachar (Wood-Mason), Yunan, Simli, Sibsagar (Peal),
 Naga Hills, Nepal, Cheria, Sikkim (Elwes and Baines), Buxa
 (Moti Ram), Mussoorie (Templeton)
 Collection Swinhoe, Sikkim, Pegu, Bhotan, Sibsagar, Cachar.
 All recorded from Moulmein, Ceylon, Nepal.

316 EUSEMIA COMMUNICANS.

- Eusemia communicans*, Walker, Cat Lep Het B M xxxi p 50 (1864)
 _____ Butler, Ent Monthly Mag xii, p 119, (1875)

Penang

317 EUSEMIA COMMUNIS.

- Eusemia communis*, Butler, Ann Mag N H 4, xv, p 140, pl 13, fig 1,
 (1875)
 _____ Ent Monthly Mag Lond xii, p 119 (1875).
 _____ Moore Journ As Soc Beng lvi 2, p 234, (1884)

I. M, Cachar (Wood-Mason), Sibsagar, Sylhet, Naga
 Collection Swinhoe, Sylhet

318 EUSEMIA CONTRACTA.

- Eusemia contracta*, Butler, Ent Monthly Mag Lond xii, p 117, (1875)
 _____ Swinhoe, Proc Zool Soc Lond 1885, p 292.

Collection Swinhoe, Belgaum, Nilgiri Hills.

319 EUSEMIA DENTATRIX.

- Eusemia dentatrix*, Westw Cab. Or Ent p 68, p 33, fig 5 (1848).
 _____ Walker, Cat Lep Het B M 1 p 46 (1854)
 _____ Moore, Cat Lep Mus E I C 11, p 287, (1859).
 _____ Butler, Ent Monthly Mag xii, p 119, (1875).

I M, Sikkim (purchased), Sibsagar (Peal), Sylhet.
 Collection Swinhoe, Sikkim
 Also recorded from Nepal, Bhotan, Ceylon.

320. EUSEMIA DISTINCTA.

- Eusemia distincta*, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
 ———— Ent. Monthly Mag. Lond. xii, p. 118, (1875).
 ———— Ill. Typ. Lep. Het. v, p. 17, pl. 82, fig. 3, (1881).
 Sylhet.

321. EUSEMIA DIVES.

- Eusemia dives*, Boisduval, Ill. Typ. Lep. Het. v, p. 18, pl. 82, fig. 4, (1881).
 Darjiling.
 Allied to *E. maculatrix*.

322. EUSEMIA FUNEBRIS.

- Eusemia funebris*, Moore, Proc. Zool. Soc. Lond. 1872, p. 569.
 ———— Waterhouse, Aid. ii, pl. 127, fig. 4, (1883)*
Agarista funebris, Butler, Ent. Monthly Mag. Lond. xii, p. 124, (1875).
 Darjiling.

323. EUSEMIA IRENEA.

- Eusemia irenea*, Boisduval, Revue et Mag. de Zool. 1874, p. 84.
 ———— Butler, Ent. Monthly Mag. Lond. xii, p. 119, (1875).
 Khasi Hills, Sumatra.

324. EUSEMIA MACULATRIX.

- Eusemia maculatrix*, Westw., Nat. Libr. Exot. Moths, p. 88, pl. 2, fig. 3.*
 ———— Cab. Or. Ent., p. 67, pl. 33, fig. 1, (1848).
 ———— Walker, Cat. Lep. Het. B. M., p. 47, (1854).
 ———— loc. cit., vii, p. 1773, (1856).
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 287, (1859).
 ———— Proc. Zool. Soc. Lond. 1865, p. 795.
 ———— Butler, Ent. Monthly Mag. xii, p. 118, (1875).
Eusemia fasciatrix, Westw., Cab., Or. Ent., p. 67, (1848).
Herastia vetula (var.) Gev., Zeits. Samml. Exot. Schmett. 17, p. 329, figs.
 657 and 658, (1832).*
 I. M., Sikkim (Barnes), Sibsagar, Naga, Cherrapunji, Buxa
 (Moti Ram).
 Collection Swinhoe, Darjiling.
 Also recorded from Sylhet, Nepal, Java.

325. EUSEMIA NIGRIPENNIS.

- Eusemia nigrispennis*, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
 ———— Ent. Monthly Mag. Lond. xii, p. 117, (1875).
Episteme nigrispennis, Moore, Lep. Ceyl. ii, p. 34, pl. 94, fig. 3, (1882).
 Collection Swinhoe, Ceylon.

326. EUSEMIA NIPALENSIS.

- Eusemia nipalensis*, Butler, Ann. Mag. N. H., ser. 4, xv, p. 140, (1875).
 ———— Ent. Monthly Mag. Lond. xii, p. 118, (1875).
 Nepal.

327. *EUSEMIA ORIENTALIS*

Eusemia orientalis, Butler, Ann Mag N H ser 4, xv, p 139, (1875).
 Ent Monthly Mag Lond xii p 117, (1875).
 Ill. Typ Lep. Het v, p. 17, pl 82, fig 2, (1881).

Mussoree.

Allied to *E. victrix*.

328. *EUSEMIA PESHWA*

Eusemia peshwa, Moore, Cat. Lep Mus E I C ii, p 289, pl 7a, fig 2,
 (1859)

Butler, Ent. Monthly Mag. Lond. xii, p 121, (1875)

I. M., Sikkim (Barnes)

Collection Swinhoe, Darjiling.

Also recorded from Ceylon.

329. *EUSEMIA PROXIMA*.

Eusemia proxima Walker Cat Lep Het B M i, p 50 (1854).

Moore Proc Z ol Soc Lond 1867, p 676

Butler Ent Monthly Mag Lond xii p 123 (1875)

Ill Typ Lep Het i, p 10, pl 4, fig 9, (1877)

Assam.

330. *EUSEMIA PULCHRA*.

Eusemia pulchra, Butler, Ann Mag N H, ser 4, xv, p 143, pl 13, fig 4,
 (1875)

Ent Monthly Mag Lond xii, p 122, (1875)

Meerut.

331. *EUSEMIA SECTINOTIS*.

Eusemia sectinotis, Butler, Ent Monthly Mag Lond xii, p 117, (1875)

Ill Typ Lep. Het v, p 18 pl 82, fig 5, (1881).

I. M., Ratnagiri (Hatch). No locality (Karachi Museum).

Collection Swinhoe, Calicut.

Allied to *E. adulatrix*.

332. *EUSEMIA SILHETENSIS*.

Eusemia silhetensis, Butler, Ann Mag N H, ser 4, xv p. 139, (1875)

Ent Monthly Mag Lond xii p 116, (1875)

Ill Typ Lep Het v, p 17, pl 82, fig 1, (1881).

Silhet.

Allied to *E. victrix*.

333. *EUSEMIA SIMPLEX*.

Eusemia simplex, Butler, Ent. Monthly Mag Lond xii, p. 118, (1875).

Kanara.

334. *EUSEMIA TYRIANTHINA*.

Eusemia tyrianthina, Butler, Ent Monthly Mag. xii, p. 116, (1875).
N. India.

335. *EUSEMIA VETULA*.

Eusemia vetula, Hubn Zutr, fig 657 *
———— Moore, Cat Lep Mus E I C ii, p. 287, (1859).
———— Proc Zool Soc. Lond. 1867, p. 677.
Assam, Java.

336. *EUSEMIA VICTRIX*.

Eusemia victrix, Westw, Cab Or Ent, p. 67, pl 33, fig. 3, (1848).
———— Wilker, Cat Lep Het B M i, p. 52, (1854)
———— Moore Cat Lep Mus E I C ii, p. 288, (1859)
———— Butler, Ent Monthly Mag Lond xii, p. 117 (1875).
I. M., N. Khasi Hills, Cachar (Wood-Mason), Sibsagar, Naga,
Yunan, Sikkim (Barnes).
Collection Swinhoe, Darjiling.
Also recorded from Nepal, Sylhet, Bhotan, Cherrapunji.

337. *EUSEMIA VULCANIA*.

Eusemia vulcania, Butler, Ent. Monthly Mag Lond xii, p. 123, (1875).
Birma.

Genus *Seudyra*.338. *SEUDYRA CATOCALINA*.

Phaenocarpa catocalina, Walker, Cat. Lep Het B M. xxxv, p. 1859, (1866).
———— Moore Proc. Zool. Soc Lond. 1867, p. 677.
Seudyra catocalina, Butler, Ill. Typ Lep Het. v, p. 20, pl. 82, fig. 9,
(1881).
I. M., Darjiling (purchased)
Collection Swinhoe, Darjiling.

339. *SEUDYRA LONGIPENNIS*.

Catocala longipennis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 934, (1865).
Seudyra longipennis, Butler, Ill. Typ Lep Het. v, p. 19, pl. 82, fig. 8,
(1881).
I. M., Sikkim.
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

340. *SEUDYRA TRANSIENS*.

Eusemia transiens, Wilker, Cat Lep Het B M viii, p. 1588, (1856).
———— Moore, Cat Lep Mus. E I. C ii, p. 290, pl. xiii, figs. 5,
5a, (1859).

SEUDYRA TRANSIENS—continued.

Eusemia egocerooides, Boisd., Revue et Mag. Zool. 1874, p. 106.

Agarista egocerooides, Felder, Reise Novara, pl. 107, fig. 10, (1864—75).

Seudyra transiens, Stretch, Cist. Ent. II, p. 19, (1875).

I. M., N Khasi Hills, Sibsagar, Sikkim (Barnes).

Collection Swinhoe, Simla, Sikkim.

Also recorded from Sumatra, Java.

341. SEUDYRA VENOSA.

Seudyra venosa, Moore, Proc. Zool. Soc. Lond 1879, p. 389.

Waterhouse, Aid II, pl. 131, fig. 5, (1883).*

Darjiling.

Genus *Nikæa*.

342. NIKÆA LONGIPENNIS.

Hypercompa longipennis, Walker, Cat. Lep. Het. B. M. III, p. 655, (1855).

Moore, Proc. Zool. Soc. Lond 1867, p. 681

Nikæa longipennis, Moore, Descr. Ind. Lep. Atk. I, p. 11, (1879)

Butler, Ill. Typ. Lep. Het. V., p. 18, pl. 82, fig. 7, (1881).

Collection Swinhoe, N. India.

Also recorded from Sylhet, Darjiling, Kumaon.

Genus *Phægorista*.

343. PHÆGORISTA BALIA.

Phægorista bala Moore, Proc. Zool. Soc. Lond 1865, p. 795

Walker, Cat. Lep. Het. XXXV, p. 1859, (1866).

Collection Swinhoe, Darjiling.

Genus *Vithora*.

344. VITHORA INDRASANA

Vithora indrasana, Moore, Proc. Zool. Soc. Lond 1865, p. 759, pl. 42, fig. 5.

Walker, Cat. Lep. Het. B. M. XXXV, p. 1861, (1866).

Custidia indrasana, Snellen, Tijds. Ent. XXI, p. 115, (1878).

Bengal.

Genus *Ægocera*.

345. ÆGOCERA BIMACULA.

Ægocera bimacula, Walker, Cat. Lep. Het. B. M. I, p. 57, (1854).

Moore, Cat. Lep. Mus. E. I. C. II, p. 286, (1859).

Boisd., Rev. et Mag. Zool. 1874, p. 54

Butler, Ill. Typ. Lep. Het. I, p. 11, pl. 5, fig. 4, (1877).

Moore, Lep. Ceyl. II, p. 33, pl. 94, fig. 2, (1882).

I. M., a specimen with no history.

Collection Swinhoe, Sikkim.

Also recorded from Kanara, Ceylon.

346. *ÆGOCERA* *IIMBRIA*.

Ægocera fimbria, Moschler, Stettin, Ent Zeit. 1872, p. 354.
Sylhet.

347. *ÆGOCERA* *TRIPARTITA*.

Ægocera tripartita, Kirby, Proc. Roy Dublin Soc. (2), 11, p. 340, (1880).
Waterhouse, Aid 1, pl 39, (1881).
Burma.

348. *ÆGOCERA* *VENULIA*.

Phalæna venulia, Cramer, Pap Exot 11, pl 165, fig D, (1777).
Agocera vinulia, Latr., Gen Crust et Ins 1v, p 212, (1809).
——— Boisd, Mon Zyg p 13, pl 1, fig 3, (1829) *
——— Chenu, Ent d Hist Nat. Pap., p 236, fig 404.*
——— Croch, Ed Regn Anim Atlas, Ins pl 148, fig. 1 *
——— Walker, Cat Lep Het B M, 1, p 55, (1854)
——— Moore, Cat Lep. Mus. E I C. 11, p 286, (1859)
——— Lep Ceyl 11, p. 32, pl 94, fig 1, (1882)
Erastria venulia, Moore, Proc. Zool Soc. Lond. 1867, p 61.
I M, Calcutta (Anderson).
Collection Swinhoe, Nilgiri Hills, Poona, Karachi.
Also recorded from Nepal,

FAMILY CHALCOSIIDÆ.

Genus *Canerkes*.

349. *CANERKES* *EUSCHEMOIDES*.

Cinicles euschemoides, Moore, Proc Zool Soc. Lond 1865, p 802, pl. 42,
fig 8
——— Walker, Cat Lep Het B. M. xxxv, p 1870 (1866)
Sylhet.

Genus *Dioptis*.

350. *DIOPTIS* *PERDICA*.

Phalæna perdica, Cramer, Pap Ex t 11 pl 178, fig E (1777).
Dioptis perdica, Hubn, Verz Bek Schwett p 174 (1816)
——— Walker, Cat Lep Het B M 11, p 337, (1854)
Bengal,

Genus *Epicopeia*.

351. *EPICOPEIA* *CAUDATA*.

Epicopeia caudata, Butler, Ill Typ Lep Het B. M v, p 47, pl 83,
fig 8, (1881).
Bhotan.

352. EPICOPEIA DIPHILÆA.

Epicopeia diphilæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 800.

Epicopeia diphileæ (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Collection Swinhoe, Sikkim.

353. EPICOPEIA EXCISA.

Epicopeia excisa, Butler, Ill. Typ. Lep. Het. v, p. 46, pl. 88, fig. 5, (1881).

N.-E. Punjab.

354. EPICOPEIA LIDDERDALII.

Epicopeia lidderdalii, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88, fig. 6, (1881).

Bhotan.

355. EPICOPEIA MACULATA.

Epicopeia maculata, Butler, Ill. Typ. Lep. Het. v, p. 47, pl. 88, fig. 7, (1881).

Bhotan.

356. EPICOPEIA PHILENORA.

Epicopeia philenora, Westw., Arcana, Ent., p. 19, pl. 5, fig. 2, (1843).

Walker, Cat. Lep. Het. ii, p. 410, (1854).

I. M., Sikkim (Barnes).

Also recorded from Assam.

357. EPICOPEIA PHILOXENÆA.

Epicopeia philoxenæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 799.

Epicopeia philoxene (sic), Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

Darjiling.

358. EPICOPEIA POLYDORA.

Epicopeia polydora, Westw., Arcana Ent., p. 19, pl. 5, fig. 1, (1843).

Walker, Cat. Lep. Het. B. M. ii, p. 410, (1854).

I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling.

Also recorded from Simla.

359. EPICOPEIA VARUNÆA.

Epicopeia varunæa, Moore, Proc. Zool. Soc. Lond. 1865, p. 799.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1869, (1866).

Collection Swinhoe, Darjiling.

Genus *Philopator*.

360. PHILOPATOR BASIMACULATA.

Philopator basimaculata, Moore, Proc. Zool. Soc. Lond. 1865, p. 800, pl. 42, fig. 6.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

Darjiling.

Genus **Cadphises**.361. **CADPHISES MACULATA.**

Cadphises maculata, Moore, Proc. Zool. Soc. Lond. 1865, p. 801, pl. 42,
fig. 7.

————— Walker, Cat. Lep. Het. xxxv, p. 1870, (1866).

I. M., Khasi Hills (Godwin-Austen).

Also recorded from Darjiling.

362. **CADPHISES MOORLI.**

Cadphises moorei, Butler, Proc. Zool. Soc. Lond. 1875, p. 392.

Darjiling.

Allied to *C. maculata*.

Genus **Scaptosyle**.363. **SCAPTOSTYLE BICOIOR.**

Scaptosyle bicolor, Walker, Cat. Lep. Het. B. M. xxxi, p. 192, (1864)

————— Moore, Lep. Ceyl. ii, p. 42, pl. 96, fig. 2, (1882)

Dichromia metneri, Felder, Reise Novara Lep. iv, pl. 106, fig. 25,
(1864-75).

Collection Swinhoe, Ceylon.

364. **SCAPTOSTYLE TRICOIOR.**

Scaptosyle tricolor, Walker, Cat. Lep. Het. B. M. ii, p. 378, (1854).

Sylhet.

Genus **Ratarda**.365. **RATARDA MARMORATA.**

Ratarda marmorata, Moore, Proc. Zool. Soc. Lond. (1879), p. 393, pl. 32,
fig. 1.

Darjiling.

Genus **Boradia**.366. **BORADIA CARNEOLA.**

Boradia carneola, Moore, Proc. Zool. Soc. Lond. 1879, p. 392.

N.-W. Himalayas.

Genus **Heterusia**.367. **HETERUSIA ADEA.**

Papilio aëda, Linn., Syst. Nat. ii, p. 757, (1767)

————— Fabr., Sp. Ins. ii, p. 32, 132, (1781).

————— Mant. Ins. ii, p. 16, 133, (1787).

————— Ent. Syst. iii, 173, 637, (1793).

Acraea aëda, God., Encycl. Meth. ix, 236, 19.*

Heterusia aëda, Doubleday, Zoologist ii, 469.*

Eterusia aëda, Walker, Cat. Lep. Het. B. M. ii, p. 428, (1854).

I. M., (?) N. Khasi Hills,

Collection Swinhoe, Sylhet.

Also recorded from Ceylon and N. China.

368. *HETERUSIA ALOMPRA*.

Eterusia alompra, Moore, Descr. Ind Lep Atk. 1, p 16, (1879).

I. M., Sibsagar (Peal).

Collection Swinhoe, Assam.

369. *HETERUSIA CICADA*.

Beterusia (sic) *cicada*, Felder, Reise Novara, pl 83, fig. 8, (1864-75).

Sikkim.

370. *HETERUSIA CIRCINATA*.

Heterusia circinata, Boisd., Herr. Schaff Lep. Exot. Sp. Nov. 1, figs. 156,
157 *

Eterusia circinata, Walker, Cat Lep Het B. M. 11, p. 1672, (1856).

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

Also recorded from Assam.

371. *HETERUSIA CIRCUMDATA*.

Heterusia circumdata, Walker, Cat Lep Het. B. M. xxxi, p 121, (1864).

India.

372. *HETERUSIA DISTINCTA*.

Gynautocera distincta, Guer, Voy. Deless. Hist. Nat., p. 85, pl 24, fig 3,
(1843)

Chalcusia distincta, Walker, Cat Lep Het B M 11 p 423, (1854)

Eterusia distincta, Walker, loc cit vii, p 1670, (1856).

I. M., Meigui (Anderson), Perak (purchased).

Also recorded from Assam.

373. *HETERUSIA DULCIS*.

Heterusia dulcis, Butler, Ill Typ Lep Het v, p 21, pl. 83, fig. 4, (1881).

Daijuling.

374. *HETERUSIA EDOCIA*.

Heterusia edocla, Doubleday, Zoologist 11, p. 469 *

Eterusia edocla, Walker, Cat Lep Het B M. 11, p 428, (1854).

I. M., Sibsagar (Peal), Naga, Cachar (Wood-Mason).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet and Nepal.

375. *HETERUSIA FASCIATA*.

Eterusia fasciata, Walker, Char Undescr. Lep Hct Lond., p. 5, (1869).

Heterusia fasciata, Moschler, Stett Ent. Zeit. 1872, p. 340.

Sylhet.

376. *HETERUSIA FLAVOMACULATA*.

Heterusia flavomaculata, Moschler, Stett. Ent. Zeit. 1872, p. 343.

Sylhet.

377. *HETERUSIA LATIVITTA*.

Eterusia lativitta, Moore, Deser. Ind. Lep. Atk. 1, p. 15, (1879).

I. M., Sibsagar, Naga.

Collection Swinhoe, Khasi Hills, Sikkim.

378. *HETERUSIA MAGNIFICA*.

Eterusia magnifica, Butler, Trans. Ent. Soc. Lond. 1879, p. 5.

Heterusia magnifica, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 2, (1881)

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason), Sylhet, Sikkim (Barnes).

Collection Swinhoe, Sylhet, Sikkim.

Allied to *H. tricolor*.

379. *HETERUSIA OCTOPUNCTATA*.

Heterusia octopunctata, Moschler, Stett. Ent. Zeit. 1872, p. 344.

Sylhet.

380. *HETERUSIA PULCHELLA*.

Fterusia pulchella, Walker, Cat. Lep. Het. B. M. 11, p. 431, (1854).

————— *loc. cit.* vii, p. 1671, (1856)

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., specimens with no history.

Collection Swinhoe, Simla, Sikkim.

Also recorded from Nepal.

381. *HETERUSIA RAJA*.

Eterusia raja, Moore, Cat. Lep. Mus. E. I. C. 11, p. 320, (1859)

————— Walker, Cat. Lep. Het. B. M. xxxi, p. 117, (1864).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

382. *HETERUSIA RISA*.

Heterusia risa, Doubleday, Zoologist, 11, p. 468.*

Fterusia risa, Walker, Cat. Lep. Het. B. M. 11, p. 429, (1854).

Nepal, Penang, Sylhet.

383. *HETERUSIA SHAHAMA*.

Eterusia shahama, Moore, Proc. Zool. Soc. Lond. 1865, p. 801.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1870, (1866).

————— Waterhouse, Aid. 11, pl. 127, fig. 3, (1883).*

Darjiling.

384. *HETERUSIA SIGNATA*.

Heterusia signata, Moschler, Stett. Ent. Zeit. 1872, p. 341.

Sylhet.

385. *HETERUSIA SUBIUTEA*.

Eterusia sublutea, Walker, Cat Lep Het. B. M. ii, p 430, (1854).
Collection Swinhoe, Sylhet.

386. *HETERUSIA TRICOLOR*

Eterusia tricolor, Hope, Trans Linn Soc. Lond 1841, p 445, pl 31, fig. 4.
——— Doubleday, Zoologist ii, p. 470 *
——— Walker, Cat Lep Het B. M. ii p 428, (1854)
——— Moore, Proc Zool Soc Lond. 1867, p 678

Collection Swinhoe, Sikkim.
Also recorded from Nepal and Sylhet.
Allied to *H. magnifica*.

387. *HETERUSIA TRILITURATA*.

Eterusia triliturata, Walker, Cat Lep Het B. M. xxxi, p 119, (1864).
I. M., a specimen with no history.
Recorded from Mussoorie.

388. *HETERUSIA TRIMACULA*.

Heterusia trimacula, Moschler, Stett. Ent Zeit 1872, p. 342.
Sylhet.

389. *HETERUSIA VIRIDESCENS*.

Heterusia virescens, Butler, Ill Typ Lep. Het. v, p 21, pl 83, fig 3,
(1881)
Collection Swinhoe, Khandilla.
Allied to *H. magnifica* and *H. edocla*.

Genus *DEVANICA*.390. *DEVANICA BICOLOR*

Devanica bicolor, Moore, Trans. Ent Soc Lond 1884, p. 355.
I. M., type specimen, Cachar (Wood-Mason).

391. *DEVANICA CINGALA*

Eterusia cingala, Moore, Ann Nat Hist (4), xx, p 343, (1877).
Sphusa cingala, Moore, Lep Ceyl ii, p 41, pl 96, fig 1, (1882).
Collection Swinhoe, Ceylon.

Genus *PINTIA*.392. *PINTIA FERREA*.

Eterusia ferrea, Walker, Cat. Lep Het B. M. ii, p 431, (1854).
——— *loc cit* vii, p. 1671, (1856).
Pintia ferrea, Butler, Ill Typ Lep. Het. v, p 23, pl 83, fig 7, (1881).
I. M., Cachar (Wood-Mason), Sikkim (purchased), Buxa (Moti Ram); no locality (Karachi Museum), *var.* Nicobar Is. (purchased); *var.* Andaman Is (purchased).
Collection Swinhoe, Sikkim, Nicobars.
Also recorded from Sylhet and Hongkong.

Genus **Arachotia**.393. **ARACHOTIA FLAVIPLAGA.**

Arachotia flaviplaga, Moore, Descr. Ind. Lep. Atk. i, p. 14, (1879).
Darjiling.

394. **ARACHOTIA VESPOIDES.**

Arachotia vespoidea, Moore, Proc. Zool. Soc. Lond. 1879, p. 390
N. India.

Genus **Histia**.395. **HISTIA COMETARIS.**

Histia cometaris, Butler, Ann. Mag. N. H. (5), x, p. 374, (1882).
Tenasserim.

396. **HISTIA FIABELLICORNIS.**

Zygæna fiabellicornis, Fabr., Sp. Ins. ii, 163, 32, 1781).
Mant. Ins. ii, 105, 38, (1787).
Ent. Syst. iii, 1398, 40, (1793).
Papilio rhodope, Cramer, Pap. Exot. i, pl. 30, fig. E, (1775).
Histia fiabellicornis, Hubner, Verz. Bek. Schmett., p. 198, 2015, (1816).
Walker, Cat. Lep. Het. B. M. ii, p. 412, (1854)

I. M., Sikkim (Barnes), Naga, Sibsagar (Peal), Cherra, N. Khasi
Hills.

Collection Swinhoe, Sikkim.

Also recorded from China and (?) S. America.

397. **HISTIA FRATERNA.**

Histia fraterna, Moore, Proc. Zool. Soc. Lond. 1883, p. 15.
Calcutta.

398. **HISTIA NILGIRA.**

Histia nilgira, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).
Nilgiri Hills.

Genus **Gynautocera**.399. **GYNAUTCERA PAPILIONARIA.**

Gynautocera papilionaria, Guér., Mag. Zool. 1830, p. 12.
Walker, Cat. Lep. Het. B. M. ii, p. 411, (1854).
Histia papilionaria, Moore, Proc. Zool. Soc. Lond. 1878, p. 816.

I. M., Sikkim (Barnes), Sylhet, Yunan, Naga, Sibsagar (Peal),
Buxa (Moti Ram), Cachar (Wood-Mason).

Collection Swinhoe, Mussooree, Sylhet.

Also recorded from Nepal and Tenasserim.

Genus **Amesia**.400. **AMESIA ALIENS.**

- Gynautocera (Amesia) aliens*, Doubleday, Ann Mag. N. H. (1), xix, p. 74, (1847)
Cyclosia aliens, Walker Cat Lep Het B M ii, p. 415, (1854).
Amesia aliens, Butler, Ill Typ Lep Het. v, p. 24, pl. 83, fig. 10, (1881).
 I. M., Sylhet, Naga, Sibsagar, Sikkim (Barnes).
 Collection Swinhoe, Darjiling.

401. **AMESIA MIDAMA**

- Epyrgis midama*, Boisd., Herr Schaff. Lep. Exot. Sp. Nov. pl. 2, fig. 7, (1853) *
Chalcidia midama, Walker, Cat Lep Het B M vii, p. 1670 (1856)
Amesia midama Moore, Lep. Ceyl. ii, p. 46, pl. 98, figs. 1, 1a (1882)
Callamesia midama, Butler Ann Mag. N. H. (v), xvi, p. 345, (1886)
 Collection Swinhoe, Sikkim.
 Also recorded from Ceylon.

402. **AMESIA SANGUIFLUA.**

- Phalena sanguiflua*, Drury, Ins. Exot. ii, p. 35, pl. 20, figs. 1, 2, (1773)
Callimorpha sanguiflua, Westw., Ed. Drury, ii, p. 37, pl. 20, figs. 1, 2, (1837) *
Cyclosia sanguiflua, Walker, Cat Lep Het. B. M. ii, p. 415, (1854)
 I. M., Khasi Hills, Shillong.
 Collection Swinhoe, Sikkim.
 Also recorded from Sylhet.

403. **AMESIA STELLIGERA.**

- Amesia stelligera*, Butler, Ill Typ Lep. Het. v, p. 23, pl. 83, figs. 8, 9, (1881).
 I. M., Sikkim (Barnes).
 Collection Swinhoe, Sikkim.
 Also recorded from Bhotan.

Genus **Callamesia**.404. **CALLAMESIA HORMENIA.**

- Epyrgis hormenia*, Boisd., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 2, fig. 8, (1853) *
 I. M., Sibsagar (Peal), Sikkim (F. C. Barnes,) Naga Hills, Sylhet.
 Collection Swinhoe, Sikkim.

405. **CALLAMESIA VENOSA.**

- Chalcidia venosa*, Walker, Cat Lep. Het B M. ii, p. 422, (1854).
 Moore, Lep Ceyl. ii, p. 45, pl. 97, figs. 2, 2a, (1882).
 Collection Swinhoe, Ceylon.

Genus *Chalcosia*.406. *CHALCOSIA ADALIFA*.

Chalcosia adalifa, Walker, Cat. Lep. Het. ii, p. 421, (1854).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

————— Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 5, (1881).

Sylhet.

407. *CHALCOSIA AFFINIS*

Gynautocera affinis, Guer., Voy. Deless. Hist. Nat., p. 86, pl. 24, fig. 2, (1843).

Chalcisia affinis, Butler, Ann. Mag. N. H. (5) v, p. 223, (1880).

————— Moore, Lep. Ceyl. n, p. 45, pl. 98, fig. 2, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Nilgiri Hills (Katachi Museum).

Collection Swinhoe, Belgaum, Ghazi Ghat, Goa.

Also recorded from Ceylon and Pondicherry.

408. *CHALCOSIA ALBATA*

Chalcosia albata, Moore, Proc. Zool. Soc. Lond. 1879, p. 390.

I. M., Shillong, Sikkim, Khasi Hills, Kulu (Young).

Mussoorie (Templeton), Cherrapunji.

Also recorded from Dharmasala and Nepal.

409. *CHALCOSIA ARGENTATA*.

Chalcosia argentata, Moore, Descr. Ind. Lep. Ath. i, p. 17, (1879).

I. M., Sibsagar (Peal), Cachar (Wood-Mason), Goalpara, Yunon.

Collection Swinhoe, Hazara, Sibsagar.

410. *CHALCOSIA CORUSCA*.

Millema corusca, Boisd., Heir. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 1, (1853) *

Chalcosia corusca, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).

I. M., Sikkim, Cheina, Sibsagar (Peal.)

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

411. *CHALCOSIA PECTINICORNIS*.

Sphinx pectinicornis, Linn., Syst. Nat. ii, 807, 44, (1767).

Zygæna pectinicornis, Fabr., Syst. Ent. 554, 18, (1775).

————— Sp. Ins. ii, 164, 35, (1781).

————— Mant. Ins. ii, 105, 42, (1787).

————— Ent. Syst. iii, 1, 399, 44, (1793).

Gynautocera pectinicornis, Guer., Voy. Deless. Hist. Nat. 87, pl. 24, fig. 4, (1843).

Chalcosia pectinicornis, Hubn., Verz. Bek. Schmett. 173, 1785, (1816).

————— Walker, Cat. Lep. Het. B. M. ii, p. 420, (1854).

————— loc. cit. vii, p. 1669, (1856).

Collection Swinhoe, Terai Alps, Simla, Kasauli.

Also recorded from Landaur, Nepal, China, (?) America.

412. *CHALCOSIA PRETIOSA*.

Chalcosia pretiosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 116, (1854).
 ———— Moore, Lep. Ceyl. ii, p. 44, pl. 96, fig. 4, (1882).

Ceylon.

413. *CHALCOSIA QUADRIFASCIATA*.

Chalcosia quadrifasciata, Moore, Lep. Ceyl. ii, p. 45, pl. 96, fig. 5, (1882).
 Collection Swinhoe, Ceylon.

414. *CHALCOSIA SIMILATA*.

Chalcosia similata, Moore, Lep. Ceyl. ii, p. 45, pl. 97, figs. 3, 3a, (1882).
 Ceylon.

415. *CHALCOSIA ZEHMA*.

Milleria zehma, Boisdu., Herr. Schaff. Lep. Exot. Sp. Nov., pl. 1, fig. 3, (1853).
Chalcosia zehma, Walker, Cat. Lep. Het. B. M. vii, p. 1670, (1856).
 ———— Moore, Proc. Zool. Soc. Lond., 1867, p. 678.

Sylhet.

416. *CHALCOSIA ZULEIKA*.

Chalcosia zuleika, Walker, Cat. ii, p. 423, (1854).
 Sylhet.

Genus *Epyrgis*.417. *EPYRGIS BINGHAMI*.

Epyrgis binghami, Butler, Ann. Nat. Hist. (5), x, p. 374, (1882).
 Tenasserim.

418. *EPYRGIS IMITANS*.

Epyrgis imitans, Butler, Ill. Typ. Lep. Het. v, p. 24, pl. 84, fig. 1, (1881).
 Bhotan.

419. *EPYRGIS PAPILIONARIS*.

Phalena papilionaris, Drury, Ins. Exot. ii, p. 4, pl. 2, fig. 4, (1773).

————— Cramer, Pap. Exot. i, pl. 29, fig. A, (1775).

Phalena venaria, Fabr., Ent. Syst. iii, 2, 156, 96, (1794).

Esthema papilionaris, Hübner, Verz. Bek. Schmett. 178, 1837, (1816).

Helema papilionaris, Westw., Ed. Drury. ii, 4, pl. 2, fig. 4, (1837).*

Cyclosia papilionaris, Walker, Cat. Lep. Het. B. M. ii, p. 416, (1854).

I. M., Naga Hills, Sibsagar (Peal), Cachar (Wood-Mason),
 Mergui (Anderson), Goalpara, Dunsiri, Sylhet, Buxa (Moti
 Ram), N. Khasi Hills, Sikkim (Barnes).

Collection Swinhoe, Darjiling, Cachar, Mergui.

Also recorded from Madras and Hongkong.

420 EPHYRGIS PARVULA.

Epyrgis parvula, Butler, Ann Mag N. H (5), xii, p. 160, (1883).

I. M., Nicobar Is (purchased).

Collection Swinhoe, Andamans.

Also recorded from Darjiling

Genus *Cyclosia*.

421 CYCLOSLA CARDINALIS.

Cyclosia cardinalis, Moore Descr Ind Lep. Atk i, p 18, (1879)

Darjiling

422. CYCLOSLA NIGRESCENS

Cyclosia nigrescens Moore, Proc Zool Soc Lond 1877, p 600

I. M., Andaman Is (purchased)

Collection Swinhoe, British Burma.

423 CYCLOSLA PANTHONA

Phalena panthona Cramer Pap Exot iv, pl 322, fig C, (1790).

Cyclosia panthona, Walker Cat Lep Het B M. ii p 417 (1854)

Moore Lep Ceyl ii, p 44 pl 97 figs 1, 1a, 1b, (1882).

I. M., Cachai (Wood-Mason), Sibisagai (Peal), Mergui (Anderson).

Collection Swinhoe, N India, Mergui.

Also recorded from Sylhet, Ceylon, and Hongkong.

424 CYCLOSLA VINUSTIA.

Cyclosia vinusta, Walker, Cat Lep Het B M ii, p 416 (1854)

Sylhet

425 CYCLOSLA VIRGINALIS.

Milleria vaginalis, Bours Heri Schaff Lep Exot Sp Nov, fig 4, (1853) *

Cyclosia subcyanescens Walker, Cat Lep Het B M ii p 417, (1854)

Cyclosia virginalis, Walker, Cat Lep Het vii p 166 (1856)

Moore, Proc Zool Soc Lond 1867, p 678.

Sylhet.

Genus *Chatamla*.

426 CHATAMLA FLAVESCENS

Euschema flavescens Walker Cat Lep Het ii, p 406, (1854)

Moore, Proc Zool Soc Lond 1867, p 679

Butler, Ill Typ Lep Het i, p 57, pl 14, fig 3, (1877).

Chatamla flavescens, Moore, Proc Zool Soc Lond (1881), p 326.

Collection Swinhoe, Sylhet

Also recorded from Khasi Hills.

427. CHATAMLA NIGRESCENS.

Euschema nigrescens, Moore, Descr Ind Lep Atk. i, p 20, (1879).

Chatamla nigrescens, Moore, Proc Zool Soc Lond. 1881, p 326.

Darjiling

Allied to *E. flavescens*.

428. CHATAMLA TRICOLOR.

Chatamla tricolor, Butler, Ill. Typ. Lep. Het. v, p. 20, pl. 83, fig. 1, (1881)
 Sylhet.
 Allied to *C. flavescens*.

Genus **Agalope**.

429. AGALOPF BASALIS.

Agalope basalis, Walker, Cat. Lep. Het. B. M. ii, p. 438, (1854)
 Butler, Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 5, (1881)

I. M., Sikkim (purchased), Kulu (purchased), Simla (de Niceville)
 Collection Swinhoe, Cashmii, Pangri, Murree, Sikkim, Chumba.
 Also recorded from Almora.

130 AGALOPF GLACIALIS.

Agalope glacialis, Butler, Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 6, (1881)
 Daijuling.

431 AGALOPF PRIMULARIS

Agalope primularis, Butler, Proc. Zool. Soc. Lond. 1875, p. 392
 Ill. Typ. Lep. Het. v, p. 26, pl. 84, fig. 7, (1881)
 Collection Swinhoe, Kulu
 Also recorded from Daijuling

Genus **Laurion**.

432 LAURION CIRCE

Milleria circe, Boisd., Herr. Schaff. Lep. Fxot. Sp. Nov. pl. 1, fig. 2 (1853) *
 Walker, Cat. Lep. Het. B. M. xxvi, p. 117, (1864)
Laurion metallica, Walker, loc. cit. ii, p. 426, (1854)
Iuria circe, Walker, loc. cit. vii, p. 1671, (1856)
Laurion circe, Moore, Proc. Zool. Soc. Lond. 1867, p. 678
 I. M., Khasi Hills (purchased), Sylhet, Cachar, Chenna, Shillong,
 Sibsigir (Peal)
 Collection Swinhoe, Shillong, Khasi Hills

433. LAURION GEMINA

Laurion gemina, Walker, Cat. Lep. Het. B. M. ii, p. 427, (1854)
Lauria gemina, Walker, loc. cit. vii, p. 1671, (1856)
Milleria gemina, Walker, loc. cit. xxxi, p. 117, (1864)

I. M., Meigu (Anderson).
 Collection, Swinhoe, Hongkong, Sylhet.

434 LAURION MILES.

Laurion miles, Butler, Ill. Typ. Lep. v, p. 26, pl. 84, fig. 3, (1881).
 Daijuling.

Genus *Milleria*.435. *MILLERIA ALBIFASCIA*.

Milleria albifascia, Moore, Descr. Ind. Lep. Atk. i, p. 19, (1879).
Cheirapunji.

436. *MILLERIA FULIGINOSA*.

Cyclosia fuliginosa, Walker, Cat. Lep. Het. B. M. ii, p. 418, (1854).
Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
Milleria fuliginosa, Butler, Ill. Typ. Lep. Het. v, p. 22, pl. 83, fig. 6, (1881).
Sylhet.

Genus *Heteropan*.437. *HETEROPAN SCINTILLANS*.

Heteropan scintillans, Walker, Cat. Lep. Het. B. M. ii, p. 441, (1854).
Moore, Lep. Ceyl. ii, p. 43, pl. 96, fig. 3, (1882).
Collection Swinhoe, Ceylon.

Genus *Herpa*.438. *HERPA SUBHYALINA*.

Herpa subhyalina, Moore, Descr. Ind. Lep. Atk. i, p. 18, (1879).
Sikkim.

439. *HERPA VENOSA*.

Herpa venosa, Walker, Cat. Lep. Het. B. M. ii, p. 442, (1854).
I. M., Cheria.
Collection Swinhoe, Sylhet.

Genus *Retina*.440. *RETINA RUBRIVITTA*.

Retina rubrivitta, Walker, Cat. Lep. Het. B. M. ii, p. 439, (1854).
Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 4, (1881).
I. M., Sibsagar (Pearl), Sikkim (purchased).
Collection Swinhoe, Sikkim.
Also recorded from Sylhet.

Genus *Pidorus*.441. *PIDORUS GLAUCOPIS*.

Phalæna glaucopsis, Drury, Ins. Exot. ii, p. 11, pl. 6, fig. 4, (1773).
Cramer, Pap. Exot. iv, pl. 322, fig. D, (1780).
Zygæna glaucopsis, Fabi., Sp. Ins. ii, p. 164, 37, (1781).
Mant. Ins. ii, p. 105, 45, (1787).
Ent. Syst. iii, 1, p. 400, 47, (1793).
Leucopsum glaucopsis, Hübner, Verz. Bek. Schmett., p. 177, 1827, (18.6).
Callimorpha glaucopsis, Westw., Ed. Drury ii, pl. 6, fig. 4, (1837) *.
Pidorus glaucopsis, Walker, Cat. Lep. Het. B. M. ii, p. 424, (1854).
I. M., Buxa (Moti Ram), Cachar (Wood-Mason), Sibsagar, Shilong, Sikkim (Baines).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

Genus *Codane*.442 *CODANE LEUCOMELAS*.

Codane leucomelas, Moore, Journ. As. Soc. Beng. lv. (2), 1, p. 97, (1886).
Siam.

443. *CODANE ZEILICA*.

Gynautocera (Chalcosia) zeilica, Doubleday, Ann. Mag. N. H. (1), xix, p. 76,
pl. 7, fig. 3 (1847).
Pidorus zeilica, Walker, Cat. Lep. Het. B. M. ii, p. 436 (1854).
Codane zeilica, Butler, Ill. Typ. Lep. Het. v, p. 25, pl. 84, fig. 2, (1881).
Sylhet, Moulsmein.

444 *CODANE ZENOTEA*.

Pidorus zenotea Walker, Cat. Lep. Het. B. M. ii, p. 425, (1854).
Codane zenotea, Descr. Ind. Lep. Atk. i, p. 17, (1879).
N. India, Cherrapunji.

Genus *Soritia*.445. *SORITIA FUSCESCENS*.

Soritia fuscescens, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).
Darjiling.

446 *SORITIA HYALINA*.

Cyclosia hyalina, Kollar, Kaschmir, Von Hugel, p. 462 (1848).
Soritia hyalina, Walker, Cat. Lep. Het. B. M. ii, p. 436, (1854).
Mussoorie.

447. *SORITIA LEPTALINA*.

Soritia leptalina, Walker, Cat. Lep. Het. B. M. ii, p. 435, (1854).
Sylhet, Nepal.

448 *SORITIA OLIVASCENS*

Soritia olivascens, Moore, Descr. Ind. Lep. Atk. i, p. 16, (1879).
I. M., a specimen with no history.
Recorded from Khasi Hills.

449 *SORITIA SEXPUNCTATA*.

Eterusia sexpunctata, Walker, Cat. Lep. Het. B. M. ii, p. 432, (1854).
I. M., Sikkim (purchased), Cherra, Khasi Hills (purchased).
Collection Swinhoe, Nepal, Darjiling.
Also recorded from Sylhet.

Genus *Chelura*.450 *CHELURA BASIFLAVA*.

Chelura basiflava, Moore, Proc Zool Soc Lond 1879, p 391
 ————— Waterhouse, Aid ii, pl 131, fig 3, (1883) *

Darjiling.

451. *CHELURA BIFASCIATA*.

Chelura bifasciata, Hope, Trans Linn Soc Lond xviii, p 444, (1841)
 ————— Walker, Cat Lep Het B M ii, p 437, (1854)

Collection Swinhoe, India.

Also recorded from Nepal and Assam.

452. *CHELURA ERONIOIDES*.

Chelura eronioides, Moore, Descr Ind Lep. Atk i, p 15, (1879).

I. M., Sikkim.

453 *CHELURA GLACIALIS*.

Chelura glacialis, Moore, Proc Zool Soc Lond. 1872, p 570

I M, a specimen with no history

Recorded from Darjiling.

Genus *Erasmia*.454 *ERASMIA PUICHELLA*

Erasmia pulchella, Hope, Trans Linn Soc Lond xviii, p 446 pl 31 fig 5,
 (841)

————— Westw Arcana Ent p 19 (1813)

————— Walker Cat Lep Het B M ii p 419 (1854)

I. M, Naga, Sikkim (Atkinson), Sibsagar (Peal), Sylhet.

Collection Swinhoe, Darjiling

Genus *Campylotes*.455 *CAMPYLOTES ATKINSONI*

Campylotes atkinsoni, Moore, Descr Ind Lep Atk i, p 17 (1879)
 ————— Waterhouse, Aid ii, pl 92, (1882) *

I M, Sikkim (purchased)

Collection Swinhoe, Sikkim

456. *CAMPYLOTES HISTRIONICUS*.

Campylotes histrionicus, Westw, Royle, Illustr Himalayas, p liii, pl 10,
 fig 1, (1837)

————— Arcana Ent p 20 (1843).

————— Walker Cat Lep Het B M ii, p 120, (1854)

Chalcosia histrionica Kollar, Kaschmir, Von Hugel, p 463, (1848)

I M, Shillong, Mussoorie (Templeton), Khasi Hills, Kulu (Pur-
 chased), Kumaon (Clellain), Cherra, Delhi

Collection Swinhoe, Simla, Sikkim, Khasi Hills.

Also recorded from Nepal and Kashmir.

Genus *Atossa*.457. *ATOSSA NELCINNA*.

Atossa nelcinna, Moore, Proc Zool. Soc. Lond. 1874, p. 577, pl. 67,
fig 7.
N.W. Himalayas.

Genus *Thymara*.458. *THYMARA CAUDATA*.

Thymara caudata, Moore, Proc Zool. Soc. Lond. 1879, p. 394, pl. 32,
fig 3.
I. M., Wynaad.
Also recorded from Burma and Assam

459. *THYMARA ZAIDA*.

Thymara zaida, Doubleday, Zoologist 1, p. 198 *
Walker, Cat Lep Het 11, p. 383, (1854).
N. India.

FAMILY NYCTEMERIDÆ.

Genus *Nyctemera*.460. *NYCTEMERA ARCTATA*.

Nyctemera arctata, Walker, Cat Lep Het. B. M. vii, p. 1664, (1856)
Collection Swinhoe, Darjiling.
Also recorded from Cherrapunji.

461. *NYCTEMERA CENIS*.

Phalana cenis, Cramer, Pap Exot iv, pl. 147, fig E, (1777)
Nyctemera cenis, Moore, Cat Lep. Mus. E. I. Comp. 11, p. 332, (1859)
I. M., Shillong, Naga Hills, Sibsagar, Yunan, Buxa (Moti
Ram), Sikkim (purchased).
Collection Swinhoe, Simla, Sikkim, Assam.
Also recorded from Cherrapunji

462. *NYCTEMERA COLETA*.

Phalana coleta, Cramer, Pap Exot iv, pl. 368, fig H, (1781).
Nyctemera coleta, Hubn, Verz. Bek. Schmett 178, (1816)
Walker, Cat Lep Het. B. M. 11, p. 390, (1854)
Moore, Journ. As. Soc. Beng., lv, (2), 1, p. 97, (1886).
I. M., Sibsagar (Peal), Petak (purchased), Tavoy (Moti Ram).
Also recorded from Ceylon and Ceram.

463 NYCTEMERA LACTICINIA

Phalæna (Geometra) lacticina, Cramer Pap. Exot. ii, pl. 128, fig. E, (1777)

Nyctemera lacticina, Hubner, Verz. Bek. Schmett. p. 178, (1816)

Walker, Cat. Lep. Het. B. M. ii, p. 395 (1854)

Moore, Cat. Lep. Mus. E. I. C. ii, p. 321 pl. 14 figs 10, 10a, (1859).

Butler, Proc. Zool. Soc. Lond. 1881 p. 614.

Moore, Lep. Cyl. ii, p. 47, pl. 99 figs. 1 1a, (1882)

Swinhoe, Proc. Zool. Soc. Lond. 1885 p. 292

Butler, Ann. Mag. N. H. (5), xviii p. 190 (1886)

I. M., Cachin (Wood-Mason)

Collection Swinhoe, Belgaum, Poona, Travancore, Nilgiri Hills

Also recorded from Coromandel, Malabar, Burma, Ceylon, Java, Ceram, Hongkong

464. NYCTEMERA MACULOSA.

Nyctemera maculosa Walker Cat. Lep. Het. B. M. xxxi p. 198, (1864)

I. M., Sikkim Shillong.

Allied to *N. lacticina*

465 NYCTEMERA NIGROVULVOSA.

Nyctemera nigrovulvosa Moore Proc. Zool. Soc. Lond. 1879 p. 394

Lep. Cyl. ii p. 18 pl. 48, figs. 4 4a (1882)

Allied to *N. exilis*

Collection Swinhoe, Ceylon.

466 NYCTEMERA TRIPUNCTARIA.

Phalæna tripunctaria, Linn. Mus. Lul. Ulr. p. 392 (1764)

— Syst. Nat. (ed. 12) 2 p. 864, 226 (1767)

— Cramer, Pap. Exot. ii, pl. 22 fig. 1 (1775).

— Galt., Sp. Ins. ii p. 250, 47, (1781)

— Munt. Is. (ii) p. 193 71, (1787)

Nyctemera tripunctaria, Walker Cat. Lep. Het. B. M. ii p. 397 (1854)

— Moore, Journ. As. Soc. Beng. lv, (2), i, p. 97, (1866)

Nyctemera atralba, Hubner Verz. Bek. Schmett. 178 (1816)

I. M., Tavoy (Moti Ram)

Also recorded from Assam, Penang, China.

Genus *Pitasila*.

467. PITASILA LEUCOSPILOTA

Pitasila leucospilota, Moore, Proc. Zool. Soc. Lond. 1877, p. 599, pl. 53, fig. 7

I. M., Andaman Is. (purchased).

Collection, Swinhoe, Andaman Is.

468. PITASILA MOOLAICA.

Pitasila moolaica, Moore, Proc. Zool. Soc. Lond. 1878, p. 847, pl. 53, fig. 10.

Tenasserim.

469. PITASILA VARIANS.

Nyctemera varians, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).

— *loc. cit.* vii, p. 1663, (1856).

— Moore, Cat. Lep. Mus. E. I. C. ii, p. 332, (1859).

Pitasila varians, Butler, Ill. Typ. Lep. Het. v, p. 46, pl. 88, fig. 4, (1881).

— Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 234, (1884).

I. M., Sikkim (Barnes), Naga Hills, Sibsagar, Shillong, Dunsiri,

Cachar (Wood-Mason), Buxar (Moti Ram).

Collection Swinhoe, Sikkim, Assam.

Also recorded from Moulmein.

470. PITASILA VARIOLOSA.

Pitasila variolosa, Felder, Reise Novara Lep., pl. 129, fig. 15, (1864-75).

I. M., Nicobar Is. (Cadell and deNiceville).

Collection Swinhoe, Nicobar Is.

Genus *Trypheromera*.

471. TRYPHEROMERA PLAGIFERA.

Nyctemera plagifera, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).

Trypheromera plagifera, Butler, Ill. Typ. Lep. Het. v, p. 45, pl. 88, fig. 3, (1881).

Tryphæromera (sic) *plagifera*, Moore, Journ. As. Soc. Beng. l, liii, (2), 3, p. 234, (1884).

I. M., Cachar (Wood-Mason), Sikkim (purchased), Cèrra, Khasi Hills, Sibsagar (Peal).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet and Hongkong.

Genus *Leptosoma*.

472. LEPTOSOMA LATISTRIGA.

Nyctemera latistriga, Walker, Cat. Lep. Het. B. M. ii, p. 397, (1854).

— Moore, Cat. Lep. Mus. E. I. C. ii, p. 331, (1859).

— Lep. Ceyl. ii, p. 48, pl. 99, fig. 2, (1882).

Leptosoma latistriga, Butler, Ill. Typ. Lep. Het. v, p. 44, pl. 88, fig. 1, (1881).

I. M., Mergui (Anderson), Andaman Is. (purchased), Nicobar Is. (de Niceville), Tavoy (Moti Ram).

Collection Swinhoe, Calicut, Andaman Is.

Also recorded from Sylhet, Moulmein, Kanara, Ceylon, Java.

Genus **Zonosoma**.

473. **ZONOSOMA INTERLECTUM.**

Nyctemera interlecta, Walker, Cat. Lep. Het. B. M. ii, p. 400, (1854).
Zonosoma interlectum, Butler, Ill. Typ. Lep. Het. v, p. 45, pl. 88, fig. 2,
 (1881).

Sylhet.

Genus **Pterothysanus**.

474. **PTEROTHYSANUS ATRATUS.**

Pterothysanus atratus, Butler, Ann. Mag. N. H. (5), xvi, f. 346, (1885).
 Assam.

475. **PTEROTHYSANUS LATICILIA.**

Pterothysanus laticilia, Walker, Cat. Lep. Het. B. M. ii, p. 401, (1854)
 ———— Moore, Cat. Lep. Mus. E. I. Comp. ii, p. 333, pl.
 8a, fig. 8, (1859)
 ———— Butler, Ill. Typ. Lep. Het. i, p. 56, pl. 14, fig. 2,
 (1877).
 ———— Ann. Mag. N. H. (5), xvi, p. 345, (1885).

I. M., Sikkim (Atkinson and Barnes), Sibsagar (Peal), Buxar
 (Moti Ram)
 Collection Swinhoe, Sikkim.
 Also recorded from Sylhet.

476. **PTEROTHYSANUS PICTUS.**

Pterothysanus pictus, Butler, Ann. Mag. N. H. (5), xiv, p. 407, (1884).
 Elephanta Island

Genus **Arbudus**.

477. **ARBUDUS BICOLOR.**

Arbudus bicolor, Moore, Descr. Ind. Lep. Ath. i, p. 20, pl. 2, fig. 19,
 (1879)
 Darjuling.

Genus **Curoba**.

478. **CUROBA SANGARIDA.**

Phalena (*Noctua*) *sangarida*, Cramer, Pap. Exot. iv, pl. 381, fig. D (1781).
Phalena (*Noctua*) *mopsa*, Diury, Exot. Ins. iii, p. 4, pl. 3, fig. 3, (1782).
Eucharia sangarida, Hubn., Verz. Bek. Schmett., p. 181, (1816).
Callimorpha mopsa, Westw., Ed. Diury iii, p. 4, pl. 3, fig. 3, (1837) *
Alope mopsa, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).
Alope sangarida, Walker, *loc. cit.* iii, p. 620, (1855).
Curoba fuscata, Walker, *loc. cit.* xxxi, p. 272, (1864).
Curoba sangarida, Moore, Lep. Ceyl. ii, p. 49, pl. 99, figs. 3, 3a, (1882).
 Ceylon, Madras.

Genus **Dondera**.

479. **DONDERA ALBA.**

Dondera alba, Moore, Ann. Mag. N. H. (4), xv, p. 314, (1877).
 ———— Lep. Ceyl. ii, p. 48, pl. 98, fig. 3, (1882).
 Ceylon.

FAMILY CALLIDULIDÆ

Genus *Callidula*.480. *CALLIDULA ANCHORA*.

Callidula anchora, Moore, MS

I M, Kulu (purchased), Sikkim (Barnes)

Collection Swinhoe, Simla, Kulu

481. *CALLIDULA ERYCINOIDES*.

Callidula erycinoides Walker, Char Undescr Lep Het p 3, (1869)

Collection Swinhoe, Darjuling, Terai Ghat.

Genus *Cleosiris*.482. *CLEOSIRIS CATAMITA*.

Cleosiris catamita, Hubn. Geyr. Zulu Frot Schmelt, pt 4 p 17, figs 653 654, (1832) *

————— Moore, Cat Lep Mus E I C ii p. 290 (1859)

————— Walker Cat Lep Het B M xxii p 59 (1861)

————— Doubleday Westw Gen Diurn Lep ii p 504, pl 77 fig 9

————— Boursd., Sp Gen Lep i, pl 23 fig 3 *

————— Moore, Proc Zool Soc Lond 1877 p 599

————— Snellen, Tijdschr Ent xxii, p 67, pl. vi, figs 1 la, lb, lc, (1879)

Moore, Lep Cycl ii, p 50, pl 99, figs 4 la, (1882)

I. M., Sibsargai (Peal), Sikkim (Barnes), Andaman Is, var

(purchased), Nicobar Is., var (purchased)

Collection Swinhoe, Sikkim, and Ceylon

Also recorded from Sylhet, S. India, and Java

483. *CLEOSIRIS MAJOR*.

Cleosiris major, Moore, Proc Zool Soc Lond 1883, p. 15

N India

Genus *Herimba*.484. *HERIMBA ATKINSONI*.

Herimba atkinsoni Moore, Descr Ind Lep. Atk. i, p 21, pl. 2, fig. 3, (1879)

Darjuling

Genus *Datanga*.485. *DATANGA ATTENUATA*.

Datanga attenuata, Moore, Descr. Ind. Lep Atk i, p 21, (1879)

Collection Swinhoe, Sikkim.

486. DATANGA MINOR.

Datanga minor, Moore, Descr. Ind. Lep. Atk. i, p. 21, (1879).
Moulmein, Burma.

FAMILY PSYCHIDÆ.

Genus *Aprata*.

487. APRATA MACKWOODII.

Aprata mackwoodii, Moore, Lep. Ceyl. ii, p. 107, pl. 118, fig. 8, (1892).
Ceylon.

488. APRATA THWAITESII.

Aprata thwaitesii, Moore, Lep. Ceyl. ii, p. 107, pl. 118, figs. 7, 7a, (1892)
Ceylon

Genus *Bambalina*.

489. BAMBALINA CONSORTA.

Oiketicus (Cryptothelca) consortus, Templeton, Trans. Ent. Soc. Lond. v,
p. 10, pl. 5, figs. 6, 7,
(1847-49)
Oiketicus consortus, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 36,
fig. 3
——— Heylart, Comptes Rend. Soc. Ent. Belg. 1884 p.
xxxvii
Bambalina consorta, Moore, Lep. Ceyl. ii, p. 103, pl. 118, figs. 3, 3a, (1892).
Ceylon, N. India.

Genus *Eumeta*.

490. EUMETA CRAMERII.

Oiketicus cramerii, Westw., Proc. Zool. Soc. Lond. 1854, p. 236, pl. 37, fig. 4
Cryptothelca consorta, Walker (nec Templeton), Cat. Lep. Hist. B. M. iv,
p. 970, (1855).
Eumeta cramerii, Moore, Cat. Lep. Mus. E. I. Co. ii, p. 134 (1859).
——— Lep. Ceyl. ii, p. 102, pl. 114, figs. 1, 1a, (1892)
Eumeta necturi, Felder, Reise Novara, pl. 83, fig. 21, (1864-75).
I. M., Calcutta (Wood-Mason), Panjab (India Forest Department), Assam (Messrs. Mackinnon, Mackenzie & Co.)
Also recorded from Kanara and Ceylon.

491. EUMETA LAYARDII.

Eumeta layardii, Moore, Lep. Ceyl. ii, p. 102, pl. 118, figs. 9, 2a, (1892)
Eumeta cramerii, Walker (nec Westw.) Cat. Lep. Hist. B. M. iv, p. 964,
(1855).
Ceylon.

Genus **Dappula**.492. **DAPPULA TEMPLETONII.**

Oiketicus templetonii, Westw., Proc. Zool. Soc. Lond. (1854), p. 234, pl. 36, fig. 2.

————— Heylearts, Comptes Rend. Soc. Ent. Belg. 1884, p. xxvii.

Oiketicus tertius, Templeton, Trans. Ent. Soc. Lond. v, p. 39, pl. 5, figs. 1-5, (1847-49).

Eumeta templetonii, Walker, Cat. Lep. Het. B. M. iv, p. 965, (1855).

Dappula templetonii, Moore, Lep. Ceyl. ii, p. 104, pl. 118, figs. 6, 6a, (1882).

Ceylon, Hongkong.

Genus **Manatha**.493. **MANATHA ALBIPES.**

Manatha albipes, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).

————— Lep. Ceyl. ii, p. 105, pl. 118, figs. 4, 4a, (1882).

Ceylon.

Genus **Metisa**.494. **METISA PLANA.**

Metisa plana, Walker, Cat. Lep. Het. B. M. iv, p. 958, (1855).

————— Moore, Lep. Ceyl. ii, p. 105, pl. 118, fig. 9, (1882).

Ceylon.

Genus **Chalia**.495. **CHALIA DOUBLEDAIL.**

Oiketicus doubledaili, Westw., Proc. Zool. Soc. Lond. 1854, p. 235, pl. 34, fig. 4.

Psyche doubledaili, Walker, Cat. Lep. Het. B. M. iv, p. 956, (1855).

Chalia doubledaili, Moore, Ann. Mag. N. H. (4), xx, p. 346, (1877).

————— Lep. Ceyl. ii, p. 106, pl. 118, figs. 5, 5a, (1882).

Ceylon.

Genus **Mahasena**.496. **MAHASENA ANDAMANA.**

Mahasena andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 602, pl. 59, fig. 4.

S. Andaman Is.

Genus **Kophene**.497. **KOPHENE CUPREA.**

Kophene cuprea, Moore, Descr. Ind. Lep. Atk. i, p. 72, (1879).

Calcutta.

498. *KOPHENE MINOR.*

Kophene minor, Moore, Descr. Ind. Lep. Atk. i, p. 73, (1879).
Chalia minor, Heylearts, Comptes Rendus Soc. Ent. Belg. 1884, p. xxxvi.
 Calcutta.

FAMILY NYCTEOLIDÆ.

Genus *Earias*.

499. *EARIAS CHROMATARIA.*

Earias chromataria, Walker, Cat. Lep. Hep. B. M. xxvii, p. 204, (1863).
Earias chromotaria (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880.
 Collection Swinhoe, Simla, Bombay.

500. *EARIAS INSULANA.*

Tortrix insulana, Boisd., Faune Ent. Madag., p. 121, pl. 16, fig. 9, (1833).
Earias smaragdinana, Zeller (nec Walker), Lep. Mic. Wahlb. Caffr., p. 79, (1852).
Cleophora insula, Boisd., Guen. Notes, Bourbon, Maillard, ii, G, p. 39, (1833).
Earias frondosana, Walker, Cat. Lep. Het. B. M. xxvii, p. 204, (except var. B) (1863).
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.
 ————— *loc. cit.*, 1885, p. 880.
 ————— Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, fig. 1, (1886).
Earias simillima, Walker, *loc. cit.*, xxv, p. 1775, (1866).
 ————— Swinhoe, *loc. cit.*, 1885, p. 880.
Earias siliquana, Stainton, Trans. Ent. Soc. Lond. (iii), v, p. lxxxix (1865-67).
Earias gossypii, Frauenfeld, Verh. Zool. Bot. Ges. Wien. xvii, p. 791, (1867).
 ————— *loc. cit.*, xviii, p. 417, (1868).
Earias insulana, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 869, (1870).
 Collection Swinhoe, Bombay, Satara, Poona, Asirgarh Karachi.
 Also recorded from S. Europe, Africa, Madagascar, Mauritius, and Siam.
 Attacks cotton boll in Egypt.

501. *EARIAS HÜGELI.*

(P) *Earias frondosana* (var. B), Walker, Cat. Lep. Het. B. M. xxvii, p. 204, (1863).
Earias hügelii, Rogenhofer, Verh. Zool. Bot. Ges. Wien. xx, p. 872, (1870).
 India, Australia.

502. *EARIAS SPEIPLANA.*

Aphusia speiplana, Walker, Cat. Lep. Het. B. M. xii, p. 770, (1857).
Micra partita, Walker, xxxiii, p. 799, (1865).
 Collection Swinhoe, Cawnpore, Mhow, Karachi, Bombay, Khaddalla.
 Also recorded from Java.

503. *EARIAS TRISTRIGOSA*.

Earias tristrigosa, Butler, Proc. Zool. Soc. Lond. 1881, p. 614.

————— *loc. cit.* 1883, p. 157.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528; and 1885, p. 881.

Collection Swinhoe, Karachi, Beluchistan.

Also recorded from Bombay and the Punjab.

Genus *Tyana*.504. *TYANA CALLICHLORA*.

Tyana callichlora, Walker, Cat. Lep. Het. B. M. xxxv, p. 1776, (1866).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 14.

————— Butler, Ill. Typ. Lep. Het. vi, p. 14, pl. 105, figs. 2 & 3, (1886).

I. M., a specimen with no history.

Collection Swinhoe, Darjiling.

505. *TYANA CHLOROLEUCA*.

Tyana chloroleuca, Walker, Cat. Lep. Het. B. M. xxxv, p. 1777, (1866).

————— Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, figs. 5 & 6, (1886).

Darjiling.

506. *TYANA FALCATA*.

Hylophila falcata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1772, (1866).

Tyana falcata, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 9, (1886).

Collection Swinhoe, Darjiling.

507. *TYANA LANCINA*.

Tyana lancina, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).

————— Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 8, (1886).

Bhotan.

508. *TYANA PUSTULIFERA*.

Earias pustulifera, Walker, Cat. Lep. Het. B. M. xxxv, p. 1773, (1866).

Tyana pustulifera, Butler, Ill. Typ. Lep. Het. vi, p. 16, pl. 105, fig. 7, (1886).

Nepal.

509. *TYANA SPECULATRIX*.

Tyana speculatrix, Butler, Ann. Mag. N. H. (5), vi, p. 64, (1880).

————— Ill. Typ. Lep. Het. vi, p. 15, pl. 105, fig. 4, (1886).

Collection Swinhoe, Sikkim.

510. *TYANA SUPERBA*.

Tyana superba, Moore, Proc. Zool. Soc. Lond. 1867, p. 668, pl. 33, fig. 15.

Darjiling.

Genus *Thagora*.511. *THAGORA FIGURANA*.

Thagora figurana, Walker, Cat. Lep. Het. B. M. xxvii, p. 205, (1863).

Ceylon.

FAMILY LITHOSIIDÆ.

Sub-Family HYP SINÆ.

Genus *Peridrome*.512. *PERIDROME ORBICULARIS*.

Hypsa (*Peridrome*) *orbicularis*, Walker, Cat. Lep. Het. B. M. ii, p. 445, (1854).

Acanopsis subquadrata, Herr. Schöff., Lep. Spec. Nov., p. 70, fig. 501, (1856).*

Peridrome orbicularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; 1877, p. 598; and 1878, p. 847.

I. M., Sylhet, Tenasserim, Andaman Is. (purchased).

Collection Swinhoe, Andamans, Rangoon, Assam.

Genus *Euplocia*.513. *EUPLOCIA MEMBLIARIA*.

Phalæna memblaria, Cramer, Pap. Exot. iii, p. 269, figs. C, D, (1780).

Euplocia memblaria, Hubner, Verz. Bek. Schmett. p. 172, (1816).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1877, p. 598.

Hypsa memblaria, Walker, Cat. Lep. Het. B. M. ii, p. 448, (1854).

I. M., Andaman Is. (purchased).

Collection Swinhoe, South Andamans.

Also recorded from Bengal.

Genus *Neochera*.514. *NEOCHERA DOMINA*.

Phalæna domina, Cramer, Pap. Exot. iii, pl. 263, figs. A, B, (1779).

Neochera domina, Hubn. Verz. Bek. Schmett., p. 173, (1816).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

Cherrapunji, Coromandel, Sylhet, Java.

515. *NEOCHERA MARMOREA*.

Hypsa (*Neochera*) *dominia*, Walker (*neo* Cramer), Cat. Lep. Het. B. M. ii, p. 448, (1851).

Hypsa (*Euplocia*) *marmorea*, Walker, *loc. cit.* vii, p. 1674, (1856).

Neochera marmorea, Moore, Proc. Zool. Soc. Lond. 1867, p. 677; and 1878, p. 847.

————— Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, figs. 10 and 11.

I. M., Sikkim (purchased), Buxa (Moti Ram), Cachar (Wood-Mason), Sylhet, Naga Hills, Sibsagar (Peal), Tavoy (Moti Ram).

Collection Swinhoe, Pegu, Sylhet, Sibsagar, Rangoon.

Also recorded from Moulmein and Java.

516. *NEOCHERA TORTUOSA*.

Neochera tortuosa, Moore, Proc. Zool. Soc. Lond. 1872, p. 570, pl. 33, fig. 2.

India.

Genus *Hypsa*.517. *HYPSA CANARAICA*.

Hypsa canaraica, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.

Collection Swinhoe, Nilgiris.

Also recorded from Kanara.

Allied to *H. heliconia*.

518. *HYPSA CLAVATA*.

Hypsa clavata, Butler, Trans. Ent. Soc. Lond. 1875, p. 817.

Moore, Journ. As. Soc. Beng. (53), 2, iii, p. 235, (1884).

Cachar, Sylhet, Hongkong.

519. *HYPSA HELICONIA*.

Phalæna heliconia, Linn., Syst. Nat., ed. x, p. 511, (1758).*

Mus. Lud. Ulr., p. 385, (1764)

Hypsa doryca, Walker, Cat. Lep. Het. B. M. ii, p. 459, (1854).

Hypsa heliconia, Aurivillius (*nec* Walker), Kon. Sv. Akad. Handl. Band 19,
No. 5, p. 159, pl. 1, fig 6, (1882).

Sylhet, New Guinea.

520. *HYPSA LACTEATA*.

Hypsa lacteata, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 9, (1881).

Collection Swinhoe, Sylhet.

Also recorded from Darjiling.

521. *HYPSA MONYCHA*.

Phalæna monycha, Cramer, Pap. Exot. ii, pl. 131, fig. C, (1777).

Hypsa monycha, Walker, Cat. Lep. Het. B. M. ii, p. 451, (1854).

I. M., Sibsagar (Peal), Cachar (Wood-Mason).

Collection Swinhoe, Sylhet.

Also recorded from Coromandel.

Allied to *H. plana*.

522. *HYPSA PAPHOS*.

Noctua paphos, Fabr., Ent. Syst. iii, (2), p. 18, No. 33, (1794).

Hypsa heliconia, var. *a*, Walker, Cat. Lep. Het. B. M. ii, p. 452, (1854).

I. M., Sibsagar (Peal), Sikkim (purchased), Cachar, (Wood-Mason).

Collection Swinhoe, Sikkim, Rangoon.

523. *HYPSA PERSECTA*.

Hypsa persecta, Butler, Trans. Ent. Soc. Lond. 1875, p. 317.

Moore, Lep. Ceyl. ii, p. 51, pl. 100, figs. 1, 1a, (1882).

I. M., Sikkim, Khurdha (deNiceville).

Also recorded from Ceylon.

Allied to *H. plana*.

524. *HYPSA PLANA*.

Hypsa plana, Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854).

Sylhet, Ceylon, Java.

525. *HYPSEA SILVANDRA*.

Phalena silvandra, Cramer, Pap. Exot. iv, pl. 369, fig. D, (1781).

Hypsea silvandra, Hübn. Verz. Bek. Schmett., p. 172, (1816).

Walker, Cat. Lep. Het. B. M. ii, p. 450, (1854).

loc. cit. vii, p. 1674, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

I. M., Sibsagar (Peal).

Collection Swinhoe, Upper Tenasserim.

Also recorded from Coromandel, Sylhet, Hongkong, and Australia.

526. *HYPSEA SUBSIMILIS*.

Hypsea subsimilis, Walker, Cat. Lep. Het. B. M. xxxi, p. 212, (1864).

Moore, Proc. Zool. Soc. Lond. (1878), p. 847.

Singapore, Tenasserim.

527. *HYPSEA VENALBA*.

Hypsea venalba, Moore, Proc. Zool. Soc. Lond. 1877, p. 598.

I. M., Nicobar Is. (Cadell and deNiceville).

Collection Swinhoe, Nicobar Is.

Also recorded from Andaman Is.

Genus *Damalis*.528. *DAMALIS ALCIPHRON*.

Phalena alciphron, Cramer, Pap. Exot. ii, pl. 133, fig. E, (1777).

Noctua carica, Fabr., Ent. Syst. iii, 2, p. 27, 63, (1794).

Donovan, Epit. Ins. New. Holl., pl. 39, fig. 2, *

Hipocrita (vulgaris) carica, Hübn., Samml. Exot. Schmett. 1, pl. 191, figs. 1-4, (1806). *

Damalis carica, Hübn., Verz. Bek. Schmett., p. 172, (1816).

Hypsea (Damalis) carica, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854).

loc. cit. vii, p. 1675, (1856).

Hypsea alciphron, Moore, Cat. Lep. Mus. E. I. C. ii, p. 292, pl. 13, figs. 6, 6a, (1859).

Hypsea carica, Snellen, Tijds. Ent. xx, p. 6, (1877).

Damalis alciphron, Moore, Proc. Zool. Soc. Lond. 1877, p. 598; and 1878, p. 847.

Lep. Cayl. ii, p. 52, pl. 102, figs. 1, 1a, 1b, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Kulu (purchased) Andaman Is. (purchased).

Collection Swinhoe, Andamans, Bombay.

Also recorded from Tenasserim, Penang, Ceylon, Amboina, Ceram, New Guinea, Java.

529. *DAMALIS ANDAMANA*.

Hypsea andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 598, pl. 59, fig. 5.

I. M., Andaman Is. (purchased).

530. *DAMALIS CONCANA*.

Damalis concana, Moore, Proc. Zool. Soc. Lond. 1878, p.
Waterhouse, Aid, ii, pl. 132, fig. 7. *

Kanara.

Allied to *D. alciphron*.

531. *DAMALIS EGENS*.

Hypsa (Damalis) egens, Walker, Cat. Lep. Het. B. M. ii, p. 453, (1854).
Aganais egens, Snellen, Tijds. Ent. xxii, p. 80, pl. 7, fig. 4, (1879).
Damalis egens, Butler, Ill. Typ. Lep. Het. v, p. 43, pl. 87, fig. 8, (1881).

I. M., Buxa (Moti Ram), Sikkim (Barnes), Sibsagar (Peal).
 Collection Swinhoe, Assam, Rangoon.
 Also recorded from Sylhet, Moulmein, and Java.

532. *DAMALIS JAVANA*.

Phalena javana, Cramer, Pap. Exot. iii, pl. 274, fig. C, (1780).
Hypsa javana, Walker, Cat. Lep. Het. B. M. ii, p. 454, (1854).
 Java, E. Indies.

533. *DAMALIS NEBULOSA*.

Damalis nebulosa, Butler, Trans. Ent. Soc. Lond. 1875, p. 322.
 Andaman Is., Sarawak.

534. *DAMALIS FLAGINOTA*.

Hypsa plaginota, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.
Damalis plaginota, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.
Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 7, (1881).
 I. M., Sylhet, Kulu (purchased), Cachar (Wood-Mason), Sibsagar, Sikkim (Barnes), Buxa (Moti Ram).
 Collection Swinhoe, Simla, Sikkim, Kulu.
 Also recorded from Tenasserim.
 Allied to *D. alciphron*.

535. *DAMALIS PRODUCTA*.

Hypsa producta, Butler, Trans. Ent. Soc. Lond. 1875, p. 320.
Damalis producta, Moore, Lep. Ceyl. ii, p. 52, pl. 101, figs. 1, 1a, (1882).
 Collection Swinhoe, Ceylon.

536. *DAMALIS SERICEA*.

Hypsa sericea, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.
Damalis sericea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
 Collection Swinhoe, Poona, Bombay.
 Also recorded from Kanara.

537. *DAMALIS STRIGIVENATA*.

- Damalis strigivenata*, Butler, Trans. Ent. Soc. Lond. 1875, p. 321.
 ——— Ann. Mag. N. H. (5), V, p. 223, (1880).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
 I. M., Tavoy (Moti Ram), Perak (purchased).
 Collection Swinhoe, Calicut, Belgaum, Poona, Bombay.
 Allied to *D. alciphron*.

Genus *Lacides*.538. *LACIDES FICUS*.

- Noctua ficus*, Fabr., Ent. Syst. iii, 2, p. 27, 62, (1794).
Damalis ficus, Hübn. Verz. Bek. Schmett., p. 172, 1781, (1816).
Hypsa (Lacides) ficus, Walker, Cat. Lep. Het. B. M. ii, p. 456, (1854).
Hypsa ficus, Moore, Cat. Lep. Mus. E. I. C. ii, p. 293, pl. 13, figs. 8, 8a, (1859).
Lacides ficus, Moore, Lep. Ceyl. ii, p. 53, pl. 100, fig. 2, (1882).
 ——— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397.
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 292.
 ——— Proc. Zool. Soc. Lond. 1886, p. 437.
 I. M., Allahabad (Dobson), Kulu (purchased).
 Collection Swinhoe, Simla, Mhow, Poona, Belgaum, Bombay,
 Karachi, Mahableshtar.
 Also recorded from Tranquebar, Kanara, and Ceylon.

Genus *Anagnia*.539. *ANAGNIA SUBFASCIA*.

- Hypsa (Anagnia) subfascia*, Walker, Cat. Lep. Het. B. M. ii, p. 446, (1854).
Anagnia subfascia, Moore, Proc. Zool. Soc. Lond. 1878, p. 847.
 Collection Swinhoe, N. India.
 Also recorded from Tenasserim.

Genus *Philona*.540. *PHILONA CINERASCENS*.

- Hypsa (Philona) cinerascens*, Moore, Proc. Zool. Soc. Lond. 1877, p. 598,
 pl. 59, fig. 6.
 I. M., Andaman Is. (purchased).
 Collection Swinhoe, Upper Tenasserim, South Andamans.

541. *PHILONA INOPS*.

- Hypsa (Philona) inops*, Walker, Cat. Lep. Het. B. M. ii, p. 457, (1854).
Philona inops, Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
 ——— Butler, Ill. Typ. Lep. Het. v, p. 42, pl. 87, fig. 6 (1881).
 I. M., Sibsaagar (Peal), Cachar (Wood-Mason).
 Collection Swinhoe, Sikkim.
 Also recorded from Sylhet.

Genus *Calpenia*.542. *CALPENIA KHASIANA*.

- Calpenia khasiana*, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.
 ——— Descr. Ind. Lep. Atk. i, p. 22, (1879).
 Khasi Hills.

543. *CALPENIA SAUNDERSI*.

Calpenia saundersi, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 1.
India.

Genus *Agrisius*.544. *AGRISIUS FULIGINOSUS*.

Agrisius fuliginosus, Moore, Proc. Zool. Soc. Lond. 1872, p. 571, pl. 33, fig. 3.
India.

545. *AGRISIUS GUTTIVITTA*.

Agrisius guttivitta, Walker, Cat. Lep. Het. B. M. iii, p. 723, (1854).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.

————— Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 2, (1881).

Collection Swinhoe, Sikkim.

Genus *Migoplastis*.546. *MIGOPLASTIS CORRECTA*.

Hypsa correcta, Walker, Cat. Lep. Het. B. M. xxxi, p. 217, (1864).

Migoplastis ceylanica, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285,
(1868).

Migoplastes ceylonica (sic), Moore, Lep. Ceyl. ii, p. 54, pl. 100, fig. 5, (1882).

Pachyphilona correcta, Butler, Trans. Ent. Soc. Lond. 1875, p. 325.

Ceylon.

Genus *Digama*.547. *DIGAMA FASCIATA*.

Digama fasciata, Butler, Trans. Ent. Soc. Lond. 1877, p. 362.

————— Moore, Lep. Ceyl. ii, p. 55, pl. 100, fig. 4, (1882).

Ceylon.

548. *DIGAMA FIGURATA*.

Digama figurata, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.

Collection Swinhoe, North Kanara, Bombay, Khandalla,
Mahabaleshwar.

Also recorded from Burma.

549. *DIGAMA HEARSEYANA*.

Digama hearseyana, (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. 7a,
fig. 3a, (1859).

————— Walker, Cat. Lep. Het. B.M. xxxi, p. 238, 1864.

————— Butler, Trans. Ent. Soc. Lond. 1877, p. 363.

————— Moore, Proc. Zool. Soc. Lond. 1878, p. 4.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

I. M., Kulu (purchased).

Collection Swinhoe, Simla, Mirzapore, Sikkim, Campbellpur
Bombay, Poona.

Also recorded from Allahabad, Manpuri, Dehra, Kanara, and
Ceylon.

550. *DIGAMA INSULANA*.*Digama insulana*, Felder, Verh. Zool. Bot. Ges. Wien. xviii, p. 285, (1868).

Butler, Trans. Ent. Soc. Lond. 1877, p. 363.

Moore, Proc. Zool. Soc. Lond. 1878, p. 5.

Lep. Ceyl. ii, p. 54, pl. 100, fig. 3, (1882).

Digama hearseyana (part), Moore, Cat. Lep. Mus. E. I. C. ii, p. 298, pl. vii a, fig. 3, (1859).

Collection Swinhoe, Ceylon.

Also recorded from India.

551. *DIGAMA MARCHALII*.*Callimorpha marchalii*, Guer., Voy. Deless. Hist. Nat., p. 91, pl. 26, fig. 2, (1843).*Hypercompe marchalii*, Walker, Cat. Lep. Het. ii, p. 656, (1855).*Digama marchalii*, Butler, Trans. Ent. Soc. Lond. 1877, p. 363.

Nilgiri Hills.

552. *DIGAMA NEBULOSA*.*Digama nebulosa*, Walker, Cat. Lep. Het. B. M. xxi, p. 238, (1864).

Butler, Trans. Ent. Soc. Lond. 1877, p. 362.

India.

553. *DIGAMA SIMILIS*.*Digama similis*, Moore, Proc. Zool. Soc. Lond. 1878, p. 5.

N.-W. Himalayas.

Sub-Family LITHOSIINÆ.

Genus *Macrobrochis*.554. *MACROBROCHIS ALBICANS*.*Macrobrochis albicans*, Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 5, (1881)

Bhotan.

Allied to *M. leucospilota*.555. *MACROBROCHIS ATRATA*.*Lithosia gigas* (var. ♂), Walker, Cat. Lep. Het. B. M. vii, p. 1681, (1855).*Macrobrochis atrata*, Butler, Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 3, (1881).

I. M., Sikkim (purchased).

Collection Swinhoe, Sylhet.

556. *MACROBROCHIS GIGAS*.*Lithosia gigas*, ♂, Walker, Cat. Lep. Het. B. M. ii, p. 494, (1854); and vii, p. 1681, (1856).*Macrobrochis interstitialis*, Herr Schüff, Lep. Exot., pl. 72, fig. 531, (1856).**Macrobrochis gigas*, Walker, loc. cit. xxi, p. 223, (1864).

Moore, Proc. Zool. Soc. Lond. 1878, p. 7.

Butler, Ill. Typ. Lep. Het. v, p. 41, pl. 87, fig. 4, (1881).

I. M., Sikkim (Barnes and Elwes).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

557. *MACROBROCHIS LEUCOSPILOTA*.

Macrobrochis leucospilota, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.
Cherrapunji.

558. *MACROBROCHIS NIGRESCENS*.

Macrobrochis nigrescens, Moore, Proc. Zool. Soc. Lond. 1878, p. 8.
N.-E. Bengal.
Allied to *M. gigas*.

Genus *Eligma*.

559. *ELIGMA NARCISSUS*.

Phalena narcissus, Cramer, Pap. Exot. i, pl. 73, figs. E, F, (1775).
Eligma narcissus, Moore, Proc. Zool. Soc. Lond. 1878, p. 7.
Collection Swinhoe, Madras.
Also recorded from Penang, China, and Java.

Genus *Tripura*.

560. *TRIPURA PRASENA*.

Tripura prasena, Moore, Cat. Lep. Mus. E. I. C. ii, p. 299, pl. 7a, fig. 6,
(1859).
Proc. Zool. Soc. Lond. 1878, p. 8.
I. M., Naga Hills.
Also recorded from the Himalayas.

Genus *Sidyra*.

561. *SIDYMA ALBIFINIS*.

Sidyra albifinis, Walker, Cat. Lep. Hist. B. M. vii, p. 1686, (1856).
Butler, Trans. Ent. Soc. Lond. 1877, p. 360.
Moore, Proc. Zool. Soc. Lond. 1878, p. 9.
Collection Swinhoe, Simla.
Also recorded from Mussooree.

562. *SIDYMA APICALIS*.

Sidyra apicalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 9, pl. 1, fig. 11.
Descr. Ind. Lep. Atk. i, p. 23, (1879).
Darjiling.

Genus *Vamuna*.

563. *VAMUNA BIPARS*.

Vamuna bipars, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 11.
Descr. Ind. Lep. Atk. i, p. 23, (1879).
Darjiling.

564. *VAMUNA MACULATA*.

Vamuna maculata, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 5.
Descr. Ind. Lep. Atk. i, p. 23, (1879).
Darjiling.

565. VAMUNA REMELANA.

Lithosia remelana, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.
 — Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).
Crambomorpka remelana, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.
Vamuna remelana, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.

Collection Swinhoe, North Khasi Hills, Sikkim.

Genus *Crambomorpka*.

566. CRAMBOMORPHA BINOTATUM.

Camptoloma binotatum, Butler, Ann. Mag. N. H. (5), vii, p. 35, (1881).
 ASSAM.

Genus *Paraona*.

567. PARAONA SPLENDENS.

Crambomorpka splendens, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.
Paraona splendens, Moore, Proc. Zool. Soc. Lond. 1878, p. 8, pl. 1, fig. 1.
 Bombay.

Genus *Chrysæglia*.

568. CHRYSÆGLIA FERRIFASCIATA.

Chrysæglia ferrifasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1,
 fig. 6.

I. M., Naga Hills, Sibsagar, Sikkim (Barnes).

Collection Swinhoe, Sikkim.

Also recorded from Nepal.

569. CHRYSÆGLIA MAGNIFICA.

Lithosia magnifica, Walker, Journ. Linn. Soc. Lond. vi, p. 103.
Chrysæglia magnifica, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
 — Moore, Proc. Zool. Soc. Lond. 1878, p. 13.

I. M., Cherra.

Collection Swinhoe, Simla.

Also recorded from Borneo.

Genus *Ctenistis*.

570. CTENISTIS ENTELLA.

Phalana extalla, Cramer, Pap. Exot. iii, pl. 208, fig. D, (1779).
Ctenistis entelleola, Hübn. Verz. Bek. Schmett., p. 165, (1816).
Lithosia entella, Walker, Cat. Lep. Het. B. M. ii, p. 495, (1854).
Crambomorpka entella, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.
 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.
Ctenistis entella, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, and p. 847.
 — Lep. Ceyl. ii, p. 55, pl. 101, fig. 2, (1882).

Collection Swinhoe, Bombay, Khandalla, Ceylon.

Also recorded from Tenasserim and Sarawak.

Genus **Mahavira**.571. **MAHAVIRA FLAVICOLLIS.**

Mahavira flavicollis, Moore, Proc. Zool. Soc. Lond. 1878, p. 11, pl. 1, fig. 3.
 Descr. Ind. Lep. Atk. i, p. 24, (1879).

Darjiling.

Genus **Korawa**.572. **KORAWA PALLIDA.**

Korawa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 12.
 Descr. Ind. Lep. Atk. i, p. 25, (1879).

Darjiling.

Genus **Hesudra**.573. **HESUDRA DIVISA.**

Hesudra divisa, Moore, Proc. Zool. Soc. Lond. 1878, p. 12, pl. 1, fig. 4.
 Descr. Ind. Lep. Atk. i, p. 26, (1879).

Darjiling.

Genus **Ghoria**.574. **GHORIA ALBOCINEREA.**

Ghoria albocinerea, Moore, Proc. Zool. Soc. Lond. 1878, p. 13, pl. 1, fig. 10.
 Descr. Ind. Lep. Atk. i, p. 27, (1879).

Darjiling.

575. **GHORIA SERICEIPENNIS.**

Ghoria sericeipennis, Moore, Proc. Zool. Soc. Lond. 1878, p. 13.
 Descr. Ind. Lep. Atk. i, p. 27, (1879).

Collection Swinhoe, Sikkim.

Genus **Tarika**.576. **TARIKA NIVEA.**

Lithosia nivea, Walker, M.S.
Tarika nivea, Moore, Proc. Zool. Soc. Lond. (1878), p. 15.
 Descr. Ind. Lep. Atk. i, p. 27, (1879).

Darjiling.

577. **TARIKA VARANA.**

Lithosia varana, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).
Butler, Trans. Ent. Soc. Lond. 1877, p. 353.
Tarika varana, Moore, loc. cit. 1878, p. 15, pl. 1, fig. 8.

Darjiling.

Genus **Collita**.578. **COLLITA LILACINA.**

Collita lilacina, Moore, Proc. Zool. Soc. Lond. 1878, p. 16.
 Yunnan.

579. COLLITA PARVA.

Collita parva, Moore, Proc. Zool. Soc. Lond. 1878, p. 16, pl. 1, fig. 13.
Darjiling.

Genus **Katha**.

580. KATHA BREVIPENNIS.

Lithosia brevipennis, Walker, Cat. Lep. Het. B. M. ii, p. 509, (1854).
Butler, Trans. Ent. Soc. Lond. 1877, p. 351.
Katha brevipennis, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.
Lep. Ceyl. ii, p. 56, pl. 101, fig. 4, (1882).

S. India, Ceylon.

581. KATHA CUCULLATA.

Katha cucullata, Moore, Proc. Zool. Soc. Lond. 1878, p. 17.
Andaman Is.

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582. KATHA INTERMIXTA.

Lithosia (Macrobroschia) intermixta, Walker, Cat. Lep. Het. B. M. xxxi
p. 229, (1864).
Lithosia intermixta, Butler, Trans. Ent. Soc. Lond. 1877, p. 351.
Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
Katha intermixta, Moore, loc. cit. 1878, p. 17.
S. India, Andaman Is.

583. KATHA NIGRIFRONS.

Lithosia nigrifrons, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.
Katha nigrifrons, Moore, loc. cit. 1878, p. 17. pl. 1, fig. 15.
N. India.

584. KATHA TERMINALIS.

Katha terminalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 17, pl. 1, fig. 14.
Descr. Ind. Lep. Atk. i, p. 28, (1879).
Darjiling.

Genus **Manulea**.

585. MANULEA CALAMARIA.

Manulea calamaria, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.
N.-W. Himalayas.

Genus **Systropha**.

586. SYSTROPHA AURIFLUA.

Systropha auriflua, Moore, Proc. Zool. Soc. Lond. 1878, p. 18, pl. 2, fig. 7.
Manpuri, N.-W. India.

587. *SYSTROPHA DORSALIS*.

Systropha dorsalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 18.
Descr. Ind. Lep. Atk. 1, p. 28, (1879).

Darjiling.

Genus *Capissa*.588. *CAPISSA AURIFLAVA*.

Capissa auriflava, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

Nepal.

Allied to *C. vagesa*.

589. *CAPISSA FASCIATA*.

Capissa fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 4.
Lep. Ceyl. ii, p. 57, pl. 102, fig. 2, (1882).

Ceylon.

590. *CAPISSA FLAVENS*.

Capissa flavens, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Kashmir.

591. *CAPISSA INNOTATA*.

Lithosia innotata, Walker, M.S.

Butler, Trans. Ent. Soc. Lond. 1877, p. 352.

Capissa innotata, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 2.

Nepal, N.-W. Himalayas.

592. *CAPISSA NIGRIPARS*.

Lithosia nigripars, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).

Capissa nigripars, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

N. India.

593. *CAPISSA PALLENS*.

Capissa pallens, Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 3.
Descr. Ind. Lep. Atk. i, p. 28, (1879).

Darjiling.

594. *CAPISSA VAGESA*.

Lithosia vagesa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 304, (1859).

Proc. Zool. Soc. Lond. 1867, p. 677.

Macrobrochis (Lithosia) vagesa, Walker, Cat. Lep. Het. B. M. xxxi, p. 226,
(1864).

Capissa vagesa, Moore, Proc. Zool. Soc. Lond. 1878, p. 19.

I. M., Kulu (purchased).

Collection Swinhoe, Simla, Sikkim, Kulu.

Also recorded from the Khasi Hills.

Genus **Dolgoma**.595. **DOLGOMA ANGULIFERA.***Lithosia angulifera*, Felder, Reise Novara Lep., pl. 106, fig. 12, (1864-75).*Dolgoma angulifera*, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Darjiling.

596. **DOLGOMA BRUNNEA.***Dolgoma brunnea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 20, pl. 2, fig. 8.

Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

597. **DOLGOMA OBLITTERANS.***Lithosia oblitterans*, Felder, Verh. Zool. Botan. Ges. Wien. xviii, p. 285, (1868).*Dolgoma oblitterans*, Moore, Lep. Ceyl. ii, p. 57, (1882).

Ceylon.

598. **DOLGOMA RETICULATA.***Lithosia reticulata*, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).

Butler, Trans. Ent. Soc. Lond. 1877, p. 354.

Dolgoma reticulata, Moore, Proc. Zool. Soc. Lond. 1878, p. 20.

Collection Swinhoe, Sikkim.

Genus **Mithuna**.599. **MITHUNA QUADRIPLAGA.***Mithuna quadriplaga*, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 9.

Descr. Ind. Lep. Atk. i, p. 29, (1879).

Darjiling.

Genus **Cossa**.600. **COSSA BASIGERA.***Cossa basigera*, Walker, Cat. Lep. Het. B. M. xxxi, p. 233, (1864).

Butler, Trans. Ent. Soc. Lond. 1877, p. 349.

Moore, Proc. Zool. Soc. Lond. 1878, p. 21.

S. India.

601. **COSSA BRUNNEA.***Cossa brunnea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 11.

Descr. Ind. Lep. Atk. i, p. 30, (1879).

Darjiling.

602. **COSSA INDUCTA.***Lithosia (Macrobroschia) inducta*, Walker, Cat. Lep. Het. B. M. xxxi, p. 232, (1864).*Cossa inducta*, Butler, Trans. Ent. Soc. Lond. 1877, p. 349.

S. India.

603. *COSSA NUBECULA*.

Cossa nubecula, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.
Andaman Is.

604. *COSSA QUADRISIGNATA*.

Cossa quadrisignata, Moore, Proc. Zool. Soc. Lond. 1878, p. 21, pl. 2, fig. 10.
Descr. Ind. Lep. Atk. i, p. 30, (1879).
Darjiling.

605. *COSSA PALLIDA*.

Cossa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 21.
Dharmasala.

Genus *Ranghana*.606. *RANGHANA PUNCTATA*.

Ranghana punctata, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 12.
Descr. Ind. Lep. Atk. i, p. 30 (1879).
Calcutta.

Genus *Tegulata*.607. *TEGULATA BASISTRIGA*.

Tegulata basistriga, Moore, Proc. Zool. Soc. Lond. 1878, p. 22, pl. 2, fig. 5.
Descr. Ind. Lep. Atk. i, p. 31, (1879).
Lep. Ceyl. ii, p. 58, pl. 102, fig. 3, (1882).
Ceylon.

608. *TEGULATA PROTUBERANS*.

Tegulata protuberans, Moore, Proc. Zool. Soc. Lond. 1878, p. 23, pl. 2, fig. 6.
Descr. Ind. Lep. Atk. i, p. 31, (1879).
Darjiling.

Genus *Nishada*.609. *NISHADA FLABRIFERA*.

Nishada flabrifera, Moore, Proc. Zool. Soc. Lond. 1878, p. 23.
Descr. Ind. Lep. Atk. i, p. 32, (1879).
Calcutta.

Genus *Teulisna*.610. *TEULISNA SORDIDA*.

Teulisna sordida, Butler, Ill. Typ. [Lep. Het. B. M. v, p. 39, pl. 86, fig. 15,
(1881).
Darjiling.

611. *TEULISNA TENUISIGNA*.

Teulisna tenuisigna, Moore, Proc. Zool. Soc. Lond. 1878, p. 24, pl. 2, fig. 13.
Sikkim.

612. TEULISNA TETRAGONA.

Lithosia tetragona, Walker, Cat. Lep. Het. B. M. 2, p. 510, (1854).*Teulisia tetragona*, Butler, Trans. Ent. Soc. Lond. 1877, p. 355.— Ill. Typ. Lep. Het. B. M. v, p. 39, pl. 86,
fig 14, (1881).

Sylhet.

Genus **Gandhara**.

613. GANDHARA SERVA.

Lithosia serva, Walker, Cat. Lep. Het. B. M. ii, p. 506, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 350.

Gandhara serva, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 7.

I. M., Kulu (purchased).

Also recorded from Darjiling and Nepal.

Genus **Simareea**.

614. SIMAREEA BASINOTA.

Lithosia basinota, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1883, (1866).

Cenistis basinota, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.*Simareea basinota*, Moore, Proc. Zool. Soc. Lond. 1878, p. 14, pl. 1, fig. 16.

Collection Swinhoe, Darjiling.

Genus **Churinga**.

615. CHURINGA BEEMA.

Lithosia beema, Moore, Proc. Zool. Soc. Lond. 1865, p. 798.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).

Crambomorpha beema, Butler, Trans. Ent. Soc. Lond. 1877, p. 356.*Churinga beema*, Moore, Proc. Zool. Soc. Lond. 1878, p. 10.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

616. CHURINGA RUFIFRONS.

Churinga rufifrons, Moore, Proc. Zool. Soc. Lond. 1878, p. 10, pl. 1, fig. 1

Descr. Ind. Lep. Atk. i, p. 25, (1879).

Darjiling.

Genus **Lithosia**.

617. LITHOSIA COLON.

Lithosia colon, Moschler, Stett. Ent. Zeit. 1872, p. 353.

Sylhet.

618. LITHOSTA CONFORMIS.

Lithosia conformis, Walker, Cat. Lep. Het. B. M. ii, p. 500, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 352.

N. India.

619. LITHOSIA DISJUNCTA.

Lithosia disjuncta, Moore, Proc. Zool. Soc. Lond. 1865, p. 797.
 ——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1882, (1866).
 Darjiling.

Genus *Zadadra*.

620. ZADADRA DISTORTA.

Lithosia distorta, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.
Zadadra distorta, Moore, loc. cit. 1878, p. 25, pl. 2, fig. 15.
 Darjiling.

Genus *Prabhassa*.

621. PRABHASA FLAVICOSTA.

Prabhassa flavicosta, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 17.
 ——— Descr. Ind. Lep. Atk. i, p. 33, (1879).
 Cherrapunji.

622. PRABHASA VENOSA.

Prabhassa venosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 26, pl. 2, fig. 18.
 ——— Descr. Ind. Lep. Atk. i, p. 32, (1879).
 Collection Swinhoe, Darjiling.

Genus *Gampola*.

623. GAMPOLA FASCIATA.

Gampola fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 2, fig. 18.
 ——— Lep. Ceyl. ii, p. 58, pl. 102, figs. 4, 1a, (1882).
 Collection Swinhoe, Ceylon.

Genus *Brunia*.

624. BRUNIA ANTICA.

Lithosia antica, Walker, Cat. Lep. Het. B. M. ii, p. 505, (1854).
 ——— Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
 ——— Butler, Trans. Ent. Soc. Lond. 1877, p. 349.
Brunia antica, Moore, Proc. Zool. Soc. Lond. 1878, p. 15, pl. 1, fig. 9.
 ——— Lep. Ceyl. ii, p. 56, pl. 101, fig. 3, (1882).
 Collection Swinhoe, Ceylon.
 Also recorded from the Andaman Is.

625. BRUNIA CHOTA.

Brunia chota, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 203, pl. xx, fig. 11,
 Collection Swinhoe, Poona.

Genus *Chrysorabdia*.

626. CHRYSORABDIA BIVITTA.

Lithosia bivitta, Walker, Cat. Lep. Het. B. M. vii, p. 1682, (1856).
 India.

627. *CHRYSORABDIA* *STRIGATA*.*Gnophria* (*Enistia*) *strigata*, Möschler, Stett. Ent. Zeit. 1872, p. 353.*Chrysorabdia strigata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 358.

I. M., Sikkim.

Also recorded from Sylhet.

628. *CHRYSORABDIA* *VIRIDATA*.*Lithosia* (*Macrobrochis*) *viridata*, Walker, Cat. Lep. Het. B. M. xxxi, p. 225, (1864); and xxxv, p. 1882, (1866).*Chrysorabdia viridata*, Butler, Trans. Ent. Soc. Lond. 1877, p. 357.

Moore, Proc. Zool. Soc. Lond. 1878, p. 19, pl. 2, fig. 1.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Genus *Atolmis*.629. *ATOLMIS* *QUADRIMACULATA*.*Gnophria quadrimaculata*, Möschler, Stett. Ent. Zeit. 1872, p. 352.

Sylhet.

Genus *Hypoprepia*.630. *HYPOPREPIA* (?) *HÆMATOPUS*.*Hypoprepia* (?) *hæmatopus*, Felder, Reise Novara, Lep, pl. 193, figs. 54, 55, (1864-75).

Assam.

Genus *Grotea*.631. *GROTEA* *ELEGANS*.*Grotea elegans*, Moore, Proc. Zool. Soc. Lond. 1865, p. 797, pl. 43, fig. 1.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1888, (1866).

Darjiling.

Genus *Mittochrista*.632. *MILTOCHRISTA* *STRAMINEA*.*Mittochrista straminea*, Walker, Cat. Lep. Het. B. M. vii, p. 1685, (1856).

India.

633. *MILTOCHRISTA* *TESSELLATA*.*Mittochrista tessellata*, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12.

Darjiling.

Genus *Cydosia*.634. *CYDOSIA* *PUNCTELLA*.*Tinea punctella*, Cramer, Pap. Exot. iv, pl. 372, fig. 1, (1781).*Crameria subtilis*, Hubn., Verz. Bek. Schmett, p. 168, (1816).*Cydosia punctella*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1894, (1866).

Himalayas, Brazil.

Genus *Charilina*.635. *CHARILINA* *INO*.*Phalena ino*, Drury, Exot. Ins. iii, p. 39, pl. 29, fig. 3, (1782).*Lithosia ino*, Westw., Ed. Drury, iii, p. 40, pl. 29, fig. 3, (1837).**Charilina ino*, Walker, Cat. Lep. Het. B. M. ii, p. 561, (1854).

Madras.

Genus *Sesapa*.636. *SESAPA ANDAMANA*.

Sesapa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.
 ———— Butler, Trans. Ent. Soc. Lond. 1877, p. 345.
 I. M., Andaman Is. (purchased).
 Collection Swinhoe, Andamans.

637. *SESAPA DECURRENS*.

Sesapa decurrens, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).
 I. M., a doubtful specimen with no history.
 Recorded from Darjiling.
 Allied to *S. excurrrens*.

638. *SESAPA EXCURRENS*.

Sesapa excurrrens, Walker, Cat. Lep. Het. B. M. xxxi, p. 255, (1864).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 677.
 ———— Butler, Trans. Ent. Soc. Lond. 1877, p. 344.
 Collection Swinhoe, Khasi Hills, Sikkim.
 Also recorded from Cherrapunji.

639. *SESAPA UNDULOSA*.

Cytlene undulosa, Walker, Cat. Lep. Het. B. M. ii, p. 545, (1854).
Lyclene undulosa, Walker, loc. cit. xxxi, p. 246, (1864).
Sesapa undulosa, Butler, Trans. Ent. Soc. Lond. 1877, p. 344.
 Moulmein.

Genus *Ræselia*.640. *RÆSELIA PASCUA*.

Ræselia pascua, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293, pl. xx, fig. 6.
 Collection Swinhoe, Bombay, Poona.

Genus *Padenia*.641. *PADENIA TRANSVERSA*.

Cytlene transversa, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854).
Lyclene transversa, Walker, loc. cit. xxxi, p. 246, (1864).
Lithosia bifasciata, Felder, Reise Novara Lep., pl. 106, fig. 11, (1864-75).
Pallene transversa, Butler, Trans. Ent. Soc. Lond. 1877, p. 333.
Padenia transversa, Moore, Lep. Ceyl ii, p. 59, pl. 103, fig. 1, (1882).
 I. M., Andaman Is. (purchased).
 Collection Swinhoe, Ceylon, Andaman Is.

Genus *Nepita*.642. *NEPITA ÆGROTA*.

Nepita ægrota, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.
 India.

643. *NEPITA ANILA*.

Nepita anila, Moore, Cat. Lep. Mus. E. I. C. ii, p. 302, (1859).

———— Walker, Cat. Lep. Het. B. M. xxi, p. 240, (1864).

———— Butler, Trans. Ent. Soc. Lond. 1877, p. 335.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Pitane lydia, var. Walker (nec Donovan), Cat. Lep. Het. B. M. ii, p. 532, (1854).

Collection Swinhoe, Belgaum, Poona, Bombay.

Also recorded from Bengal.

644. *NEPITA CONFERTA*.

Pitane conferta, Walker, Cat. Lep. Het. B. M. ii, p. 533, (1854).

Nepita conferta, Walker, loc. cit. xxi, p. 240, (1864).

———— Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

———— Moore, Lep. Ceyl. ii, p. 66, pl. 104, figs. 7, 7a, 7b, 7c, 7d, (1882).

Nepita signata, Walker, loc. cit. xxi, p. 240, (1864).

I. M., Poona (Murray).

Collection Swinhoe, Ceylon.

645. *NEPITA FRIGIDA*.

Doliche frigida, Walker, Cat. Lep. Het. B. M. ii, p. 530, (1854).

Nepita frigida, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Moulmein, Sarawak.

646. *NEPITA HILARIS*.

Doliche hilaris, Walker, Cat. Lep. Het. B. M. ii, p. 540, (1854).

Nepita hilaris, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.

Adites hilaris, Moore, Lep. Ceyl. ii, p. 61, pl. 104, fig. 6, (1882).

Collection Swinhoe, Ceylon.

647. *NEPITA LIMBATA*.

Nepita limbata, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

N. India.

648. *NEPITA OCHRACEA*.

Nepita ochracea, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

S. India.

649. *NEPITA SEMIFASCIA*.

Setina semifascia, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).

Nepita semifascia, Butler, Trans. Ent. Soc. Lond. 1877, p. 336.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Lycene semifascia, Moore, Lep. Ceyl. ii, p. 63, pl. 103, fig. 7, (1882).

Collection Swinhoe, Bombay, Khandalla.

Also recorded from Ceylon.

Genus *Setina*.650. *SETINA DHARMA*.

Setina dharmia, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

N.-W. Himalayas.

651. *SETINA DISCISIGNA*.

Setina discisigna, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.
Descr. Ind. Lep. Atk. i, p. 37, (1879).

Cherra.

652. *SETINA NEBULOSA*.

Setina nebulosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.
Descr. Ind. Lep. Atk. i, p. 37, (1879).

Darjiling.

653. *SETINA PUNCTILINEA*.

Setina punctilinea, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.
Lep. Ceyl. ii, p. 64, pl. 103, fig. 9, (1882).

Ceylon.

Genus *Doliche*.

654. *DOLICHE GELIDA*.

Doliche gelida, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).
Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
Ill. Typ. Lep. Het. B. M. v, p. 36, pl. 86, fig. 6,
(1881).

I. M., Sikkim (deNiceville).

Also recorded from Sylhet.

Genus *Cyana*.

655. *CYANA DETRITA*.

Cyana detrita, Walker, Cat. Lep. Het. B. M. ii, p. 529, (1854).
Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
Ill. Typ. Lep. Het. B. M. v, p. 37, pl. 86, fig. 9, (1881).

I. M., Sikkim, Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Sylhet.

Genus *Bizone*.

656. *BIZONE ALBOROSEA*.

Lithosia (Macrobroschia) alborosea, Walker, Cat. Lep. Het. B. M. xxxi, p.
230, (1864).

Bizone alborosea, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

N. India.

657. *BIZONE AMABILIS*.

Bizone amabilis, Moore, Proc. Zool. Soc. Lond. 1877, p. 597, pl. 59, fig. 2.
Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Andaman Is.

658. *BIZONE ARAMA*.

Bizone arama, Moore, Cat. Lep. Mus. E. I. C. ii, p. 306, pl. 7a, fig. 10, (1859).
Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Cherra.

Also recorded from Darjiling.

659. *BIZONE BELLISSIMA*.

Bizone bellissima, Moore, Proc. Zool. Soc. Lond. 1878, p. 27, pl. 3, fig. 13.
Mussooree.

660. *BIZONE BIANCA*.

Bizone bianca, Walker, Cat. Lep. Het. vii, p. 1684, (1856).
Moore, Journ. As. Soc. Beng. liii, (2), 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Andaman Is. (purchased),
Sikkim.

661. *BIZONE COCCINEA*.

Bizone coccinea, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 14.
I. M., Sikkim (purchased).

662. *BIZONE DIVAKARA*.

Barsine divakara, Moore, Proc. Zool. Soc. Lond. 1865, p. 798, pl. 43, fig. 9.
Bizone divakara, Butler, Trans. Ent. Soc. Lond. 1877, p. 337.
Collection Swinhoe, Darjiling.

663. *BIZONE EFFRACTA*.

Barsine effracta, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854).
Bizone effracta, Butler, Trans. Ent. Soc. Lond. 1877, p. 339.
Nepal.

664. *BIZONE FASCICULATA*.

Bizone fasciculata, Walker, Cat. Lep. Het. vii, p. 1684, (1856).
Bizone adita, Moore, Cat. Lep. Mus. E. I. C. ii, p. 306, pl. 7a, fig. 11, (1859).
Butler, Trans. Ent. Soc. Lond. 1877, p. 339.
I. M., Kulu (purchased), N. Khasi, Sikkim.
Collection Swinhoe, Darjiling.
Allied to *B. signa*.

665. *BIZONE GAZELLA*.

Bizone gazella, Moore, Proc. Zool. Soc. Lond. 1872, p. 572, pl. 33, fig. 4.
I. M., Sikkim (purchased).
Collection Swinhoe, Dharmasala.
Also recorded from Mussooree.

666. *BIZONE GUTTIFERA*.

Bizone guttifera, Walker, Cat. Lep. Het. B. M. vii, p. 1779, (1856).
Butler, Trans. Ent. Soc. Lond. 1877, p. 339.
I. M., Andaman Is., var. (purchased).
Collection Swinhoe, Darjiling, Matheran, Khandalla.
Also recorded from Landaur.

667. *BIZONE PALLENS*.

Bizone pallens, Butler, Trans. Ent. Soc. Lond. 1877, p. 338.

Ill. Typ. Lep. Het. v, p. 36, pl. 86, fig. 7, (1881).

I. M., Sikkim.

Also recorded from Moulmein and Sylhet.

668. *BIZONE PEREGRINA*.

Bizone peregrina, Walker, Cat. Lep. Het. B. M. ii, p. 551, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 338.

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Ceylon, S. India, Sylhet, Nepal, and Hong-kong.

669. *BIZONE PERORNATA*.

Bizone perornata, Walker, Cat. Lep. Het. B. M. ii, p. 548, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Ill. Typ. Lep. Het. v, p. 37, pl. 86, fig. 8, (1881).

I. M., Sibsaagar (Peal), Sikkim (purchased).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet, Sarawak, and Java.

670. *BIZONE PUELLA*.

Phalæna puella, Drury, Ins. Exot. ii, p. 3, pl. 2, fig. 2, (1773).

Deiopoia puella, Westw., Ed. Drury, ii, p. 3, pl. 2, fig. 2, (1837).*

Bizone puella, Walker, Cat. Lep. Het. B. M. ii, p. 549, (1854).

Moore, Cat. Lep. Mus. E.I.C. ii, p. 305, pl. 13, [figs. 13, 13a, (1859)].

Butler, Trans. Ent. Soc. Lond. 1877, p. 338.

Snellen, Tijds. Ent. xx, p. 7, (1877).

Moore, Lep. Ceyl. ii, p. 60, pl. 103, figs. 3, 3a, (1882).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 293.

I. M., Ceylon.

Collection Swinhoe, Ceylon, Bombay, Mahableswar.

Also recorded from Nepal and Java.

671. *BIZONE QUADRINOTATA*.

Bizone quadrinotata, Walker, Char. Undeser. Lep. Het., p. 90, (1869).

Benares.

672. *BIZONE SIGNA*.

Bizone signa, Walker, Cat. Lep. B. M. ii, p. 550, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Sylhet.

673. *BIZONE SUBORNATA*.

Bizone subornata, Walker, Cat. Lep. Het. B. M. ii, p. 550, (1854).

Butler, Trans. Ent. Soc. Lond. 1877, p. 339.

Moore, Lep. Ceyl. ii, p. 60, pl. 103, fig. 4, (1882).

Collection Swinhoe, North Canara.

Also recorded from Ceylon.

674. *BIZONE TRIGUTTATA.*

Bizone triguttata, Walker, Char. Undescr. Lep. Het., p. 89, (1869).
Benares.

Genus *Lyolene*.675. *LYCLENÆ ARCUATA.*

Lyclene arcuata, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 5, (1882).
Ceylon.

676. *LYCLENÆ ARTOCARPI.*

*Lyclene artocarp*i, Moore, Proc. Zool. Soc. Lond. 1878, p. 30.
Descr. Ind. Lep. Atk. i, p. 33, (1879).

Darjiling.
Allied to *L. humilis*.

677. *LYCLENÆ ASSAMICA.*

Lyclene assamica, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 8.
Descr. Ind. Lep. Atk. i, p. 34, (1879).

Dibrugarh, Assam.

678. *LYCLENÆ CONGERENS.*

Cymella congerens, Felder, Reise Novara Lep. iv, pl. 106, fig. 14, (1864-75).
Lyclene congerens, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
N. India.

679. *LYCLENÆ DELICATA.*

Lyclene delicata, Moore, Proc. Zool. Soc. Lond. 1878, p. 31.

Darjiling.
Allied to *L. radians*.

680. *LYCLENÆ DISCISTRIGA.*

Lyclene discistriga, Moore, Proc. Zool. Soc. Lond. 1878, p. 3.

Darjiling.

681. *LYCLENÆ HUMILIS.*

Cyllene humilis, Walker, Cat. Lep. Het. B. M. ii, p. 544, (1854).

Lyclene humilis, Walker, loc. cit. xxxi, p. 246, (1864).
Butler, Trans. Ent. Soc. Lond. 1877, p. 340.

Moulmein.

682. *LYCLENÆ ILA.*

Lyclene ila, Moore, Cat. Lep. Mus. E. I. C. ii, p. 300, (1859).

Lep. Ceyl. ii, p. 63, pl. 103, fig. 6, (1882).

Ceylon, Canara.

683. *LYCLENÉ INCONSPICUA.*

Lyclene inconspicua, Moore, Proc. Zool. Soc. Lond. 1878, p. 32.
N. India.

684. *LYCLENÉ INDISTINCTA.*

Lyclene indistincta, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3, fig. 9.
Descr. Ind. Lep. Atk. i, p. 34, (1879).
Darjiling.

685. *LYCLENÉ INTERSERTA.*

Lyclene interserta, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 6.
Descr. Ind. Lep. Atk. i, p. 34, (1879).
Darjiling.

686. *LYCLENÉ NUBIFASCIA.*

Barsine nubifascia, Walker, Cat. Lep. Het. B. M. xxi, p. 251, (1864).
Barsine punctifascia, Walker, Char. Undescr. Lep. Het., p. 9, (1869).
Lyclene nubifascia, Butler, Trans. Ent. Soc. Lond. 1887, p. 340.
Mitochondria nubifascia, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86. fig. 11,
(1881).
Collection Swinhoe, Sikkim.

687. *LYCLENÉ OBSOLETA.*

Lyclene obsoleta, Moore, Proc. Zool. Soc. Lond. 1878, p. 32, pl. 3, fig. 7.
Descr. Ind. Lep. Atk. i, p. 33, (1879).
I. M., Sibsagar (Peal).
Also recorded from Darjiling.

688. *LYCLENÉ PALMATA.*

Lyclene palmata, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 5.
I. M., Sibsagar (Peal).

689. *LYCLENÉ PROMINENS.*

Lyclene prominens, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 3.
Cherra, Khasi Hills.

690. *LYCLENÉ RADIANUS.*

Lyclene radians, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 2.
Descr. Ind. Lep. Akt. i, p. 34, (1879).
Darjiling.

691. *LYCLENÉ SPILOSOMOIDES.*

Lyclene spilosomoides, Moore, Proc. Zool. Soc. Lond. 1878, p. 33.
N.-W. India.

692. *LYCLENÆ TERMINATA.*

Lyclene terminata, Moore, Proc. Zool. Soc. Lond. 1878, p. 33.
Khasi Hills.

693. *LYCLENÆ ZEBRINA.*

Lyclene zebрина, Moore, Proc. Zool. Soc. Lond. 1878, p. 31, pl. 3, fig. 4.
Calcutta.

Genus *Barsine*.694. *BARSINÆ COCCINEA.*

Barsine coccinea, Moore, Journ. As. Soc. Beng. lv, (2) 1, p. 98, (1886).
I. M., Tavoy (Moti Ram) Type.

695. *BARSINÆ CONJUNCTANA.*

Conohylis conjunctana, Walker, Cat. Lep. Het. B. M. xxxv, p. 1788, (1866).
Miltuchrista tessellata, Butler, Ill. Typ. Lep. Het. v, p. 39, pl. 86, fig. 12,
(1881).
Barsine conjunctana, Moore, Journ. As. Soc. Beng. liii (2), 3, 1884, p.
235.
I. M.; a diminutive specimen from Cachar (Wood-Mason).
Also recorded from Darjiling.

696. *BARSINÆ DEFECTA.*

Barsine defecta, Walker, Cat. Lep. Het. B. M. ii, p. 546, (1854), also, xxxi,
p. 248, (1884).
——— Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
Ammatho cuneonotatus, Walker, Cat. Lep. Het. B. M. iii, p. 759, (1855).
Barsine cuneonotatus, Moore, Lep. Ceyl. ii, p. 62, pl. 103, fig. 10, (1882).
I. M., Goalpara.
Collection Swinhoe, Sikkim.
Also recorded from Nepal and Ceylon.

697. *BARSINÆ FLAMMEALIS.*

Barsine flammealis, Moore, Proc. Zool. Soc. Lond. 1878, p. 28, pl. 3, fig. 15.
I. M., Sikkim.
Collection Swinhoe, Darjiling, Dharmasala.
Allied to *B. mactans*.

698. *BARSINÆ FLAVIVENOSA.*

Barsine flavivenosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 18.
——— Descr. Ind. Lep. Atk. i, p. 36, (1879).
Darjiling.

699. *BARSINÆ GLORIOSA.*

Barsine gloriosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 29, pl. 3, fig. 16,
——— Descr. Ind. Lep. Atk. i, p. 35, (1879).
Khasi Hills.

700. *BARSINE GRATIOSA*.

Euchelia gratiosa, Guer., Voy. Deless. Hist. Nat., p. 90 pl. 26, fig. 1, ().
Deiopeia gratiosa, Walker, Cat. Lep. Het. B. M. ii, p. 573, (1854).

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim
 (purchased).

Also recorded from the Nilgiri Hills.

701. *BARSINE INFLEXA*.

Barsine inflexa, Moore, Proc. Zool. Soc. Lond., 1878, p. 29, pl. 3, fig. 17.
 Descr. Ind. Lep. Atk. 1, p. 35, (1879).

Darjiling.

702. *BARSINE LINGA*.

Barsine linga, Moore, Cat. Lep. Mus. E. I. C. ii, p. 301, (1859).
 Walker, Cat. Lep. Het. B. M. xxxi, p. 249, (1864).

I. M., Sikkim (Asiatic Soc. Bengal).

Collection Swinhoe, Simla, Sikkim.

703. *BARSINE MACTANS*.

Barsine mactans, Butler, Trans. Ent. Soc. Lond. 1877, p. 340.
Mitochrista mactans, Butler, Ill. Typ. Lep. Het. v, p. 89, pl. 86, fig. 13,
 (1881).

Collection Swinhoe, Darjiling.

704. *BARSINE PRETIOSA*.

Barsine pretiosa, Moore, Proc. Zool. Soc. Lond. 1879, p. 394.

N.-W. Himalayas.

Allied to *B. gratiosa*.

705. *BARSINE PUNICEA*.

Barsine punicea, Moore, Proc. Zool. Soc. Lond., 1878, p. 29.
 Descr. Ind. Lep. Atk. i, p. 36, (1879).

Darjiling.

706. *BARSINE RUBRICOSA*.

Lyclene rubricosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 30, pl. 3, fig. 1.
Barsine rubricosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 293.

Collection Swinhoe, Bombay, Khandalla.

707. *BARSINE SUFFUNDENS*.

Barsine suffundens, Walker, Cat. Lep. Het. B. M. xxxi, p. 250, (1864).

S. India.

708. *BARSINE TRIPARTITA*.

Barsine tripartita, Walker, Cat. Lep. Het. B. M. xxxi, p. 250, (1864).

India.

709. *BARSINE TRIVITTATA*.*Barsine trivittata*, Moore, Proc. Zool. Soc. Lond. 1877, p. 597.

——— Butler, Trans. Ent. Soc. Lond. 1877, p. 341.

1. M., Andaman Is. (purchased).

Collection Swinhoe, Andamans.

Genus *Æmene*.710. *ÆMENE GUTTULOSANA*.*Tospitis guttulosana*, Walker, Cat. Lep. Het. B. M. xxviii, p. 429, (1863).*Æmene guttulosana*, Butler, Trans. Ent. Soc. Lond. 1877, p. 373.

——— Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 3, (1882).

I. M., a specimen with no history.

Collection Swinhoe, N. India.

Also recorded from S. India and Ceylon.

711. *ÆMENE MACULIFASCIA*.*Æmene maculifascia*, Moore, Proc. Zool. Soc. Lond. 1878, p. 33, pl. 3,
fig. 10.

——— Descr. Ind. Lep. Atk. i, p. 36, (1872).

Darjiling.

712. *ÆMENE SINUATA*.*Æmene sinuata*, Moore, Proc. Zool. Soc. Lond. 1878, p. 34, pl. 3, fig. 11.

——— Descr. Ind. Lep. Atk. i, p. 36, (1879).

Cherrapunji.

713. *ÆMENE SORDIDA*.*Æmene sordida*, Butler, Trans. Ent. Soc. Lond. 1877, p. 372.

——— Moore, Lep. Ceyl. ii, p. 65, pl. 104, fig. 4, (1882).

S. India, Ceylon.

714. *ÆMENE SUBCINEREA*.*Æmene subcinerea*, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.

Collection Swinhoe, Simla.

Allied to *Æ. taprobanis*.715. *ÆMENE TAPROBANIS*.*Æmene taprobanis*, Walker, Cat. Lep. Het. B. M. ii, p. 542, (1854); and
vii, p. 1683, (1856).

——— Butler, Trans. Ent. Soc. Lond. 1877, p. 372.

——— Moore, Lep. Ceyl. ii, p. 64, pl. 104, fig. 2, (1882).

——— Swinhoe, Proc. Zool. Soc. Lond. (1885), p. 293.

Panassa cingalensis, Walker, Cat. Lep. Het. B. M. xxxii, p. 607, (1865).*Autoceras grammophora*, Felder, Reise Nov. Lep., pl. 106, fig. 24, (1864-75).

Collection Swinhoe, Ceylon, Belgaum, Poona, Bombay.

716. *ÆMENE TENEBROSA*.

Æmene tenebrosa, Moore, Proc. Zool. Soc. Lond. 1878, p. 34.
 Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 293.
 loc. cit. 1886, p. 437.

Collection Swinhoe, Mhow, Poona.

Also recorded from Bombay.

Allied to *A. sordida*.

Genus *Setinochroa*.

717. *SETINOCHROA AURANTIACA*.

Setinochroa aurantiaca, Moore, Proc. Zool. Soc. Lond. 1878, p. 35, pl. 3,
 fig. 12.

Khasi Hills.

Allied to *S. infumata*.

718. *SETINOCHROA INFUMATA*.

Setinochroa infumata, Felder, Reise Novara, pl. 106, fig. 16, (1864-75).
 Himalayas.

719. *SETINOCHROA PALLIDA*.

Setinochroa pallida, Moore, Proc. Zool. Soc. Lond. 1878, p. 35.

Collection Swinhoe, Simla.

Also recorded from Manpuri.

720. *SETINOCHROA POSTICA*.

Setinochroa postica, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.
 Dharmasala.

Genus *Paidia*.

721. *PAIDIA MARGINATA*.

Nudaria marginata, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).
Paidia marginata, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.
 S. India.

Genus *Nudaria*.

722. *NUDARIA FASCIATA*.

Nudaria fasciata, Moore, Proc. Zool. Soc. Lond. 1878, p. 36.
 Darjiling.
 Allied to *N. margaritacea*.

723. *NUDARIA FLOCCOSA*.

Nudaria floccosa, Walker, Cat. Lep. Het. B. M. xxxi, p. 274, (1864).
 Butler, Trans. Ent. Soc. Lond. 1877, p. 370.
 S. India.

724. *NUDARIA MARGARITACEA*.

Nudaria margaritacea, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).
 Butler, Trans. Ent. Soc. Lond. 1876, p. 370.
 Collection Swinhoe, Sikkim.

725. *NUDARIA MARGARITARIA*.

Nudaria margaritaria, Walker, Cat. Lep. Het. B. M. xxxi, p. 275, (1864).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.

I. M., Sikkim.

726. *NUDARIA SOLITA*.

Setina solita, Walker, Cat. Lep. Het. B. M. ii, p. 521, (1854).
 ——— Moore, Lep. Ceyl. ii, p. 64, pl. 103, fig. 8, (1882).
Nudaria solita, Butler, Trans. Ent. Soc. Lond. 1877, p. 371.
 Ceylon.

727. *NUDARIA SUBCERVINA*.

Nudaria subcervina, Walker, Cat. Lep. Het. xxxi, p. 274, (1864).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 678.
 India.

Genus *Nola*.728. *NOLA CINGALESA*.

Nola cingalesa, Moore, Lep. Ceyl. ii, p. 66, pl. 104, fig. 1, (1882).
 Ceylon.

Genus *Castabala*.729. *CASTABALA ROSEATA*.

Castabala roseata, Walker, Cat. Lep. Het. B. M. xxxi, p. 271, (1864).
 ——— Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
 ——— Ill. Typ. Lep. Het. v, p. 40, pl. 87, fig. 1, (1881).
 Darjiling, Barrackpur.

Genus *Callimorpha*.730. *CALLIMORPHA VENUS*.

Callimorpha venus, Pristwitz, Stett. Ent. Zeit. 1867, p. 274 ; and 1868, p. 185.
 Himalayas.

Genus *Chionæma*.731. *CHIONÆMA CANDIDA*.

Chionæma candida, Felder, Reise Novara, pl. 106, fig. 17, (1864-75).
 I. M., Kulu,
 Also recorded from the Himalayas.

Genus *Adrepsa*.732. *ADREPSA STILBIOIDES*.

Adrepsa stilbioides, Moore, Descr. Ind. Lep. Atk. i, p. 38, pl. 2, fig. 20,
 (1879).
 Assam.

Genus *Pentacitrotus*.733. *PENTACITROTUS VULNERATUS*.

Pentacitrotus vulneratus, Butler, Ill. Typ. Lep. Het. B. M. v, p. 35, pl. 86, fig. 5, (1881).
Darjiling.

Genus *Olina*.734. *CLINA LAPIDARIA*.

Olina lapidaria, Walker, Cat. Lep. Het. B. M. xxxi, p. 257, (1864).
Butler, Trans. Ent. Soc. Lond. 1877, p. 359.
S. India.

Genus *Garudinia*.736. *GARUDINIA LATANA*.

Tospitis latana, Walker, Cat. Lep. Het. B. M. xxviii, p. 427, (1863).
Garudinia latana, Moore, Lep. Ceyl. ii, p. 59, pl. 103, fig. (1882).
I. M., Ceylon (Colombo Museum).

Genus *Deiopeia*.737. *DEIOPEIA CRUENTATA*.

Deiopeia cruentata, Butler, Ill. Typ. Lep. Het. v, p. 38, pl. 86, fig. 10, (1881).
N. India, Mauritius.

738. *DEIOPEIA LOTRIX*.

Phalæna lotrix, Cramer, Pap. Exot. ii, pl. 109, fig. E, (1777).
Deiopeia lotrix, Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.
loc. cit. 1886, p. 436.

I. M., Nicobar Is. (deNiceville).

Collection Swinhoe, Sind, Mhow, Poona, Nicobars, Aden.

739. *DEIOPEIA PULCHELLA*.

Tinea pulchella, Linn., Syst. Nat. 1, 2, 884, 349, (1767).
Noctua pulchra, Esper, Schmett. iv, 570, pl. 164, figs. 3-5, (1777).
Bombyx pulchella, Fabr., Sp. Ins. ii, 203, 142, (1781).
Bombyx pulchra, Hübn., Bomb. 128, 1, pl. 26, fig. 113.*
Utetheisa pulchella, Hübn., Verz. Bek. Schmett. 168, 1733, (1816).
Moore, Lep. Ceyl. ii, p. 67, pl. 104, fig. 5, (1882).
Deiopeia pulchella, Walker, Cat. Lep. Het. B. M. ii, p. 566, (1854).
Butler, Trans. Ent. Soc. Lond. 1877, p. 361.
Thugwell, Ent. xi, p. 186, (1878).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.

I. M., N. Khasi Hills (purchased), Sibsagar (Peal), Calcutta, Sikkim (Barnes), Mussooree, Kulu (purchased), Madras (purchased), Darbhanga, Chitral (Giles), Persia.

Collection Swinhoe, Nicobars, Punjab, Sikkim, Kulu, Andamans, Ceylon, Mhow, Karachi, Bombay.

Also recorded from Europe, Africa, Australia and the E. Indian Islands.

740. *DEIOPEIA THYTER*.

- Deiopeia thyter*, Butler, Trans. Ent. Soc. Lond. 1877, p. 361
 ———— Proc. Zool. Soc. Lond. 1881, p. 614.
 ———— Swinhoe, Pros. Zool. Soc. Lond. 1884, p. 515.
 ———— Trans. Ent. Soc. Lond. 1885, p. 347.
 ———— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Collection Swinhoe, Kandahar, Quetta, Karachi.
 Also recorded from Burma and Turkey.

Genus *Argina*.741. *ARGINA ARGUS*.

- Euprepia argus*, Kollar, Kasehmir, Von. Hügel, iv, p. 467, pl. 21, fig. 3,
 (1848).
Deiopeis argus, Walker, Cat. Lep. Het. B. M. ii, p. 571, (1854); and
 vii, p. 1686, (1856).
Argina argus, Moore, Cat. Lep. Mus. E. I. Comp ii, p. 309, pl. 14, figs. 3, 3a,
 (1859).
 ———— Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
 ———— Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 1 a, b, c, (1882).

I. M., Sikkim (Barnes), Khasi Hills, Buxa (Moti Ram).
 Collection Swinhoe, Simla, Darjiling, Buxa, Bhotan.
 Also recorded from Nepal, Calcutta, S. India, and Ceylon.

742. *ARGINA ASTREA*.

- Phalæna (Noctua) astrea*, Drury, Ill. ii, p. 11, pl. 6, fig. 3, (1773).
Argina astrea, Moore, Lep. Mus. E. I. C ii, p. 308, pl. 14, figs. 2, 2a, (1859).
 ———— Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
 ———— Swinhoe, Pros. Zool. Soc. Lond. 1884, p. 436.
Deiopeia astrea, Walker, Cat. Lep. Het. B. M. ii, p. 570, (1854).
 Collection Swinhoe, Simla, Mhow, Belgaum, Bombay, Mahab-
 leshwar, Andaman Is.
 Also recorded from Ceylon and Hongkong.

743. *ARGINA CRIBRARIA*.

- Phalæna cribraria*, Clerck, Icon. Ins. ii, pl. 54, fig. 4, (1759-64) *
Phalæna (Geometra) cribraria, Cramer, Pap. Erot. iii, pl. 208, fig. G,
 (1779).
Argina oribraria, Aurivillius, Kongl. Sv. Vet. Akad. Handl. xix, 5, p. 181,
 (1882).
 ———— Moore, Lep. Ceyl. ii, p. 68, pl. 106, figs. 1, 1a, (1882).
 ———— Butler, Proc. Zool. Soc. Lond. 1881, p. 156.
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 436.
 I. M., Calcutta, Sylhet, Sikkim (purchased), Goalpara, Delhi
 (Thomas), Ratnagiri (Hatch), Mergui (Anderson), Anda-
 man Is. (De Roepstorff), Ceylon (Colombo Museum), Nico-
 bar Is. (deNiceville).
 Collection Swinhoe, Andamans, Mirzapore, and Mhow.
 Also recorded from China, Rodriguez, and Mauritius.

744. *ARGINA DULCIS*.

Deiopeia dulcis, Walker, Cat. Lep. Het. B. M. ii, p. 569, (1854).
Phalena cribraria, var. ♀ Cramer, Pap. Exot. iii, pl. 288, fig. D,
 (1780).

Argina dulcis, Butler, Trans. Ent. Soc. Lond. 1877, p. 364.
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Poona, Bombay, Satara, Belgaum.

745. *ARGINA GUTTATA*.

Xanthestes guttata, Rambur, Faune de l'Andalousie, ii, p. 229, (1866).
Phalena cribraria, ♂, Cramer (nec Clerck), Pap. Exot. iii, pl. 208, fig. C,
 (1779).

Argina guttata, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay.

Also recorded from Nepal, Ceylon, and Mauritius.

746. *ARGINA NOTATA*.

Argina notata, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.
 Proc. Zool. Soc. Lond. 1886, p. 436.

Collection Swinhoe, Mhow, Bombay, Belgaum, Nilgiris.

747. *ARGINA PARDALINA*.

Deiopeia pardalina, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).
Argina pardalina, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Moulmein, Cambodia.

748. *ARGINA PYLOTIS*.

Bombyx pylotis, Fabr., Syst. Ent., p. 585, (1775).
Hypocritus pylotis, Hübner, Samml. Exot. Schmett. i, pl. 189, figs. 1-4.*
Argina pylotes, Butler, Trans. Ent. Soc. Lond. 1877, p. 365.

Collection Swinhoe, N. India (from British Museum).

Also recorded from Ceylon.

749. *ARGINA SYRINGA*.

Phalena syringa, Cramer, Pap. Exot. i, pl. v, fig. C, (1775).
Bombyx crotalaria, Fabr., Ent. Syst. iii, i, p. 473, 204, (1793).
Argina crotalaria, Hübner, Verz. Bek. Schmett. p. 167, 1730, (1816).
Deiopeia syringa, Walker, Cat. Lep. Het. B. M. ii, p. 572, (1854).
Argina syringa, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.
 Moore, Lep. Ceyl. ii, p. 69, pl. 105, figs. 2, 2a, 2b, 2c, (1882).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Mahabaleshwar, Belgaum, Ceylon.

Also recorded from Australia.

Genus *Tatargyna*.750. *TATARGYNA PICTA*.

Deiopeia picta, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).
Tatargyna picta, Butler, Trans. Ent. Soc. Lond. 1877, p. 366.

Moulmein, S. China.

FAMILY ARCTIIDÆ.

Genus *Arctia*.751. *ARCTIA ORIENTALIS*.

Arctia orientalis, Moore, Ann. Mag. N. H. (5), i, p. 230, (1878).
 2nd Yarkand Mission Lep., p. 7, (1879).

I. M., Yarkand, Type, (2nd Mission).
 Collection Swinhoe, Kashmir.
 Also recorded from Allahabad.

752. *AROTIA PARVULA*.

Arctia parvula, Felder, Reise Novara Lep., pl. 100, fig. 24, (1864-75).
 Himalayas.

753. *ARCTIA SUTTADRA*.

Arctia suttadra, Moore, Proc. Zool. Soc. Lond. 1879, p. 395.
 Collection Swinhoe, Kulu.
 Also recorded from Kashmir.

754. *ARCTIA THIBETICA*.

Arctia thibetica, Felder, Reise Novara Lep., pl. 101, fig. 12, (1864-75).
 Ladak.

Genus *Gonerda*.755. *GONERDA PERORNATA*.

Gonerda perornata, Moore, Proc. Zool. Soc. Lond. 1879, p. 395, pl. 32, fig. 2.
 Kashmir.

Genus *Spirosoma*.756. *SPILOSOMA FUSIFRONS*.

Spirosoma fusifrons, Walker, Cat. Lep. Het. B. M. xxxi, p. 295, (1864).
 S. India.

757. *SPILOSOMA MONA*.

Spirosoma mona, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295, pl. 20, figs. 3-4.
 Collection Swinhoe, Mahableshwar.

758. *SPILOSOMA PUNCTATA*.

Spirosoma punctata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 355, (1859).
 Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).
 Sikkim, Java.

759. *SPILOSOMA RUBESCENS*.

Spirosoma rubescens, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).
Arctia rubescens, Butler, Cist. Ent ii, p. 21, (1875).
 Borneo, E. Indies.

760. *SPILOSOMA SANGUINALIS*.

Spilosoma sanguinalis, Moore, Proc Zool Soc. Lond. 1865, p. 810.
 Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

I. M., Shillong.

Also recorded from Darjiling.

Genus *Phissama*.761. *PHISSAMA ALBISTRIGA*.

Aloa albistriga, Walker, Cat. Lep. Het. B. M. xxxi, p. 303, (1864).
Phissama albistriga, Butler, Cist. Ent. ii, p. 36, (1875).

S. India.

762. *PHISSAMA TRANSIENS*.

Spilosoma transiens, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).

Aloa isabellina, Walker, loc. cit., p. 705, (1855).

Phissama transiens, Walker, loc. cit. xxxi, p. 298, (1864).

Butler, Cist. Ent. ii, p. 36, (1875).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Sibsagar (Peal), Calcutta (bred in Museum), Kulu (purchased). Sikkim (DeNiceville).

Collection Swinhoe, Belgaum, Buxar.

Also recorded from Sylhet, Moulmein, Celebes, Sarawak.

763. *PHISSAMA VACILLANS*.

Amphissa vacillans, Walker, Cat. Lep. Het. B. M. iii, p. 685 (1855); also vii,
 p. 1786, (1856).

Aloa vacillans, Walker, loc. cit., vii, 1702, (1856).

Phissama vacillans, Walker, loc. cit. xxxi, p. 298, (1864).

I. M., Kulu (purchased), Sibsagar (Peal), Calcutta (bred in the Museum).

Collection Swinhoe, Simla.

Also recorded from Hongkong and the Philippine Is.

Genus *Rhodogastria*.764. *RHODOGASTRIA ASTRÆA*.

Sphinx astreus, Drury, Ins. ii, pl. 28, fig. 4, (1773).

Phalæna melanthus, Cramer, Pap. Exot. iii, pl. 286, fig. B (1780).

Rhodogastria melanthus, Hubn., Verz. Bek. Schmett. p. 172, (1816).

Amerila melanthus, Walker, Cat. Lep. Het. B. M. iii, p. 727, (1855).

Amerila astræa, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Rhodogastria astræa, Moore, Lep. Ceyl. ii, p. 76, pl. 108, figs. 1, 1a, (1882).

I. M., Cachar (Wood-Mason).

Also recorded from Ceylon.

765. *RHODOGASTRIA FRATERNA*.

Rhodogastria (sic) *fraterna*, Moore, Trans. Ent. Soc. Lond. 1864, p. 35C.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 294.

Collection Swinhoe, Bombay, Poona.

766. RHODOGASTRIA RHODOPA.

Amerila rhodopa, Walker, Cat. Lep. Het. B. M. xxxi, p. 305, (1864).
I. M., Sikkim (purchased), Naga Hills.
Collection Swinhoe; India.
Also recorded from S. India.

Genus *Carcinopyga*.

767. CARCINOPYGA LICHENIGERA.

Carcinopyga lichenigera, Felder, Reise Novara Lep., pl. 101, fig. 3, (1864-75).
Ladak.

Genus *Thyrgorina*.

768. THYRGORINA MULTIVITTATA.

Spilosoma multivittata, Moore, Proc. Zool. Soc. Lond. 1865, p. 88.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).
Collection Swinhoe, Simla, Darjiling.

769. THYRGORINA RHODOPHILA.

Spilosoma rhodophila, Walker, Cat. Lep. Het. B. M. xxxi, p. 294, (1864); also
xxxv; p. 1906, (1866).
Spilosoma rubidorsa, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.
Spilarctia rhodophila, Butler, Cist. Ent. ii, p. 40, (1875).
Icambosida rhodophila, Butler, Ill. Typ. Lep. Het. v, p. 29, pl. 85, fig. 4,
(1881).
I. M., Kulu (purchased).
Collection Swinhoe, Simla.
Also recorded from Darjiling.

770. THYRGORINA SPILOSOMATA.

Thyrgorina spilosomata, Walker, Cat. Lep. Het. B. M. xxxi, p. 318, (1864).
S. India.

Genus *Bucca*.

771. BUCCEA SIMPLEX.

Savara simplex, Walker, Cat. Lep. Het. B. M. xxxi, p. 320, (1864).
Bucca simplex, Walker, loc. cit. xxxv, p. 1983, (1866).
Collection Swinhoe, India.

Genus *Hyphantria*.

772. HYPHANTRIA UNIFASCIA.

Andala unifascia, Walker, Cat. Lep. Het. B. M. iii, p. 774, (1855).
I. M., Kulu (purchased).
Collection Swinhoe, Simla, Kulu.

Genus *Tinolius*.773. *TINOLIUS EBURNEIGUTTA*.

Tinolius eburneigutta, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).

Moore, Lep. Ceyl. iii, p. 185, pl. 171, figs. 10, 10a, (1885).

Tinoleus (sic) *eburneigutta*, Moore, Proc. Zool. Soc. Lond. 1878, p. 851.

I. M., (?) Sikkim.

Collection Swinhoe, Ceylon.

Also recorded from (?) Sylhet, Malabar Coast, Tenasserim.

Genus *Pharetra*.774. *PHARETRA CONSANGUIS*.

Acronycta consanguis, Butler, Ann. Mag. N. H. (5). iv, p. 358, (1879).

Pharetra consanguis, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Kasauli.

Also recorded from Japan.

Genus *Pangora*.775. *PANGORA DISTORTA*.

Pangora distorta, Moore, Descr. Ind. Lep. Atk. i, p. 42, pl. ii, fig. 14, (1879).

Mussooree, Simla.

776. *PANGORA EROSA*.

Aloa erosa, Walker, Cat. Lep. Het. B. M. iii, p. 708, (1855).

Pangora erosa, Moore, Lep. Ceyl. ii, p. 72, pl. 107, figs. 1, 1a, 1b, (1882).

Ceylon.

777. *PANGORA MATHERANA*.

Pangora matherana, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.

Waterhouse, Aid. ii, pl. 131, fig. 6, (1883).*

Collection Swinhoe, Bombay.

Genus *Alope*.778. *ALOPE CLAVATUS*.

Alope clavatus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

Collection Swinhoe, Bombay, Mahableshwar.

Also recorded from Poona.

779. *ALOPE MOPSA*.

Nortua mopsa, Drury, Ins. iii, p. 4, pl. 3, fig. 3, (1782).

Callimorpha mopsa, Westw., Ed. Drury, iii, p. 4, pl. 3, fig. 3, (1837).

Alope mopsa, Walker, Cat. Lep. Het. B. M. iii, p. 621, (1855).

Madras.

780. *ALOPE RICINI*.

Bombyx ricini, Fabr., Syst. Ent., p. 583, (1775).

Ent. Syst. iii, 1, p. 473, (1793).

Alops ocellifera, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

ALOPE RICINI, —*continued*.

- Alope ricini*, Moore, Lep. Ceyl. ii, p. 70, pl. 106, figs. 2, 2a, 2c, (1882).
 ———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 395.
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.
 ———— *loc. cit.*, 1886, p. 437.

I. M., Calcutta (Jackson), Sikkim (purchased), Sibsagar (Peal),
 Cachar (Wood-Mason).
 Collection Swinhoe, Simla, Mhow, Bombay, Poona, Ahmednagar,
 Satara, Ceylon.
 Also recorded from Kanara, Sylhet.

781. ALOPE SANGARIDA.

- Phalæna sangarida*, Cramer, Pap. Exot. iv, pl. 381, fig. D, (1781).
Alope sangarida, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).
 Ceylon.

Genus *Phragmatobia*.

782. PHRAGMATOBIA EXCLAMATIONIS.

- Euprepia exclamtionis*, Kollar, Kaschmir, Von Hügel, iv, p. 469, (1848).
Phragmatobia exclamtionis, Walker, Cat. Lep. Het. B. M. iii, p. 631,
 (1855).
 Himalayas.

783. PHRAGMATOBIA MONTANA.

- Arctia montana*, Guer., Voy. Deless. Hist. Nat., p. 92, pl. 26, fig. 3, (1843).
Phragmatobia montana, Walker, Cat. Lep. Het. B. M. iii, p. 631, (1855).
 Nilgiri Hills.

Genus *Glanycus*.

784. GLANYCUS INSOLITUS.

- Glanycus insolitus*, Walker, Cat. Lep. Het. B. M. iii, p. 635, (1855).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
 ———— Butler, Journ. Linn. Soc. Lond. 1876, p. 431.
 ———— Ill. Typ. Lep. Het. v, p. 28, pl. 84, fig. 12,
 (1881).
 Sylhet.

785. GLANYCUS TRICOLOR.

- Glanycus tricolor*, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879).
 ———— Waterhouse, Aid. ii, pl. 131, fig. 1, (1883).
 I. M., Sikkim (Dreyer).

Genus *Cretonotos*.

786. CRETONOTOS CONTINUATUS.

- Cretonotos continuatus*, Moore, Ann. Mag. N. H. 4, xx, p. 344, (1877).
 ———— Lep. Ceyl. ii, p. 73, pl. 108, fig. 4, (1882).
 Ceylon.

787. *CREATONOTOS INTERRUPTA*.

Phalena interrupta, Linn. Syst. Nat. Phal. i, v, p. 2553 116.

———— Cramer, Pap. Exot. ii, pl. 185, fig. E, (1777).

Bombyx francisca, Fabr., Mant. Ins. ii, p. 131, 200, (1787).

———— Ent. Syst. iii, i, p. 480, (1793).

Creatonotos interrupta, Hübn., Verz. Bek. Schmett., p. 170, (1816).

———— Walker, Cat. Lep. Het. B. M. iii, p. 638, (1855).

———— Butler, Cist. Ent. ii, p. 25, (1875).

———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 362, pl. 17, figs. 1-1a, (1859).

———— Lep. Ceyl. ii, p. 73, pl. 108, fig. 5 a, (1882).

———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 5396.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

———— Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Cherra, Calcutta, Cachar, Sibsagar (Peal), Nepal.

Collection Swinhoe, Burma, Ceylon, Karachi, Hyderabad, Mhow, Bombay, Ahmednagar.

Also recorded from Coromandel, Penang.

788. *CREATONOTOS RUBRICOSTA*.

Creatonotus (sic) *rubricosta*, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.

Aloa rubricosta, Butler, Cist. Ent. ii, p. 24, (1875).

Manipuri, Bombay.

Genus *Rajendra*.789. *RAJENDRA BIGUTTATA*.

Aloa biguttata, Walker, Cat. Lep. Het. B. M. iii, p. 707, (1855).

Rajendra biguttata, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

I. M., Sikkim.

Collection Swinhoe, Nilgiri Hills, Belgaum, Bombay, Khandalla.

Also recorded from Kanara.

790. *RAJENDRA IRREGULARIS*.

Rajendra irregularis, Moore, Lep. Ceyl. ii, p. 72, pl. 107, fig. 2, (1882).

Ceylon.

791. *RAJENDRA KHANDALLA*.

Aloa khandalla, Moore, Cat. Lep. Mus. E. I. C. ii, p. 361, pl. 9a, fig. 13, (1859).

Rajendra khandalla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Collection Swinhoe, Bombay.

Also recorded from Kanara and Khandalla.

792. *RAJENDRA LATIVITTA*.

Spilosoma lativitta, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.

———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

Spilaretia lativitta, Butler, Cist. Ent. ii, p. 40, (1875).

Rajendra lativitta, Moore, Proc. Zool. Soc. Lond. 1879, p. 396.

———— Descr. Ind. Lep. Atk. i, p. 43, (1879).

Darjiling, Parisnath.

Allied to *R. biguttata*.

793. *RAJENDRA NIGRICANS.**Aloa nigricans*, Moore, Proc. Zool. Soc. Lond. 1872, p. 572.*Rajendra nigricans*, Moore, loc. cit. 1879, p. 396.

Bombay, Deccan.

794. *RAJENDRA PANNOSA.**Rajendra pannosa*, Moore, Proc. Zool. Soc. Lond. 1879, p. 397, pl. 32, fig. 8.

N.-W. Himalayas.

I. M., Kulu (Young).

795. *RAJENDRA SIPAHL.**Aloa sipahi*, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.*Rajendra sipahi*, Moore, loc. cit. 1879, p. 396.

Bombay, Madras.

796. *RAJENDRA TRIPARTITA.**Aloa tripartita*, Walker, Cat. Lep. Het. B. M. iii, p. 706, (1855).*Rajendra tripartita*, Butler, Ill. Typ. Lep. Het. v, p. 36, pl. 86, fig. 4, (1881).

I. M., Sibsagar (Peal).

Collection Swinhoe, Rangoon.

797. *RAJENDRA VITTATA.**Rajendra vittata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 396, pl. 32, fig. 12.

Lower Burma.

Genus *Hypercompa*.798. *HYPERCOMPA ARGUS.**Hypercompa argus*, Walker, Trans. Ent. Soc. Lond. (3) i, p. 73, (1862-64).

Cat. Lep. Het. B. M. xxxi, p. 235, (1864).

India.

799. *HYPERCOMPA EQUITALIS.**Euprepia equitalis*, Kollar, Kaschmir, Von Hügel, p. 465, 2, pl. 20, fig. 3, (1848).*Hypercompa equitalis*, Walker, Cat. Lep. Het. B. M. iii, p. 654, (1855).

I. M., Sikkim (Barnes).

Collection Swinhoe, Simla, Sikkim, Khasi Hills.

Also recorded from Mussooree, Nepal.

800. *HYPERCOMPA FLAVICOLOR.**Hypercompa flavicolor*, Moore, Proc. Zool. Soc. Lond. 1879, p. 397.

Simla.

801. *HYPERCOMPA IMPLETA.**Hypercompa impleta*, Walker, Cat. Lep. Het. B. M. xxxi, p. 236, (1864).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

India.

802. *HYPERCOMPA LEOPARDINA*.

Euprepia leopardina, Kollar, Kaschmir, Von Hügel, iv, p. 467, pl. 21, fig. 2, (1848).

Hypercompa leopardina, Walker, Cat. Lep. Het. B. M. iii, p. 656, (1855).
Himalayas.

803. *HYPERCOMPA LONGIPENNIS*.

Hypercompa longipennis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).
Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sylhet.

804. *HYPERCOMPA NYCTEMERATA*.

Hypercompa nyctemerata, Moore, Descr. Ind. Lep. Atk. i, p. 38, (1879).

Collection Swinhoe, Darjiling.

Allied to *H. equitalis*.

805. *HYPERCOMPA PLAGIATA*.

Hypercompa plagiata, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Butler, Ill. Typ. Lep. Het. v, p. 28, pl. 85, fig. 1, (1881).

I. M., Khasi Hills, Buxa (Moti Ram), Sibsagar, Yunan, Cherra Punji, Sikkim (purchased).

Collection Swinhoe, Simla, Sikkim, Sylhet.

806. *HYPERCOMPA PRINCIPALIS*.

Euprepia principalis, Kollar, Kaschmir, Von Hügel, iv, p. 465, pl. 20, fig. 2, (1848).

Hypercompa principalis, Walker, Cat. Lep. Het. B. M. iii, p. 653, (1855).

Mussooree.

I. M., Kulu (purchased), Yarkand (2nd Mission).

Collection Swinhoe, Pegu, Kulu.

807. *HYPERCOMPA REGALIS*.

Hypercompa regalis, Moore, Proc. Zool. Soc. Lond. 1872, p. 575, pl. 33, fig. 7.

Collection Swinhoe, North Kanara.

Also recorded from North India.

808. *HYPERCOMPA SIMILIS*.

Hypercompa similis, Moore, Proc. Zool. Soc. Lond. 1879, p. 397.

N.-W. Himalayas.

Allied to *H. equitalis*.

Genus *Euchætes*.809. *EUCHÆTES SIKKIMENSIS*.

Euchætes sikkimensis, Moore, Descr. Lep. Ind. Atk. i, p. 39, pl. 2, fig. 12, (1879).

Sikkim.

Genus *Areas*.810. *AREAS IMPERIALIS*.

Euprepia imperialis, Kollar, Kaschmir, Von Hügel, iv, p. 466, pl. 21, fig. 1, (1848).

Hypercompa imperialis, Walker, Cat. Lep. Het. B. M. iii, p. 655, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Areas imperialis, Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

Also recorded from Mussooree.

811. *AREAS MELANOPSIS*.

Arctia melanopsis, Walker, Cat. Lep. Het. B. M. xxxi, p. 280, (1864).

Aloa callisoma, Felder, Reise Novara Lep. iv, pl. 101, fig. 4, (1864-75).

Areas melanopsis, Butler, Cist. Ent. ii, p. 22, (1875).

Moore, Lep. Ceyl. ii, p. 75, pl. 108, fig. 2, (1882).

Ceylon.

812. *AREAS ORIENTALIS*.

Areas orientalis, Walker, Cat. Lep. Het. B. M. iii, p. 658, (1855).

Butler, Cist. Ent. ii, p. 21, (1875).

I. M., Kurseong (Wood-Masson), Sikkim (purchased), Khasi Hills (purchased), Kulu (purchased), Shillong.

Collection Swinhoe, Simla.

Also recorded from Sylhet, Sarawak, and Java.

Genus *Aloa*.813. *ALOA CANDIDULA*,

Aloa candidula, Walker, Cat. Lep. Het. B. M. iii, p. 704, (1855).

Butler, Cist. Ent. ii, p. 24, (1875).

Ceylon, Nepal.

Allied to *A. punctistriga*.

814. *ALOA COMMA*.

Aloa comma, Walker, Cat. Lep. Het. B. M. vii, p. 1703, (1856).

India.

815. *ALOA DIMINUTA*.

Aloa diminuta, Walker, Cat. Lep. Het. B. M. iii, p. 705, (1855).

Butler, Cist. Ent. ii, p. 24, (1875).

Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 5, (1881).

Spilosoma strigata, Walker, Char. Undescr. Lep. Het. p. 10, (1869).

N. India.

816. *ALOA EMITTENS*.

Cretonotos emittens, Walker, Cat. Lep. Het. B. M. iii, p. 636, (1855).

Cretonotus emittens, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).

Lep. Ceyl. ii, p. 74, pl. 108, figs. 3, 3a, 32).

Aloa candidula, var. Walker, loc. cit., p. 704, (1855).

Aloa emittens, Butler, Cist. Ent. ii, p. 24, (1875).

Proc. Zool. Soc. Lond. 1881, p. 614.

ALOA EMITTENS,—continued.*Aloa emittens*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Calcutta (bred in Museum), Sibsagar (Peal).

Collection Swinhoe, Mhow, Bombay, Belgaum, Poona, Satara.

Also recorded from Ceylon and Kanara.

817. *ALOA FLORA*.*Aloa flora*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296, pl. 20, fig. 5.

Collection Swinhoe, Bombay.

818. *ALOA LACTINEA*.*Phalana lactinea*, Cramer, Pap. Exot. ii, pl. 133, fig. 1, (1777).*Bombyx sanguinolenta*, Fabr., Ent. Syst. iii; p. 473, 206, (1793).*Lithosia sanguinolenta*, Donovan, Ins. Ind. p. 83, pl. 53, fig. 3, (1800).*Estigmene lactinea*, Hübn., Verz. Bek. Schmett., p. 184, (1816).*Aloa lactinea*, Walker, Cat. Lep. Het. B. M. iii, p. 702, (1855).*Areas lactinea*, Butler, Cist. Ent. ii, p. 22, (1875).*Aloa sanguinolenta*, Moore, Lep. Ceyl. ii, p. 74, pl. 108, figs. 6, 6a, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Proc. Zool. Soc. Lond. 1886, p. 47.

I. M., Sibsagar (Peal), Kulu (purchased), Sikkim (Atkinson),

Khasi Hills, Shillong, Goalpara, Cachar (Wood-Mason),

Raniganj, Chitral (Giles).

Collection Swinhoe, Simla, Mhow, Ceylon, Nilgiri Hills, Bombay, Poona.

Also recorded from Australia, Java, and China.

819. *ALOA MARGINATA*.*Aloa marginata*, Moore, Proc. Zool. Soc. Lond. 1883, p. 15, pl. 5, fig. 1.

Nepal.

820. *ALOA MOOREI*.*Areas moorei*, Butler, Cist. Ent. ii, p. 23, (1875).

—Ill. Typ. Lep. Het. v, p. 28, pl. 85, fig. 2, (1881).

Aloa moorei, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Collection Swinhoe, Nilgiri Hills, Bombay.

Also recorded from Almora.

821. *ALOA PUNCTISTRIGA*.*Spilosoma punctistriga*, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855).*Aloa punctistriga*, Butler, Cist. Ent. ii, p. 24, (1875).

—Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 6, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 296.

Proc. Zool. Soc. Lond. 1886, p. 437.

I. M., Kulu (purchased).

Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

Genus *Seirarctia*.822. *SEIRARCTIA QUADRIRAMOSA*.*Euprepia quadriramosa*, Kollar, Kaschmir, Von Hügel, iv, p. 468, (1848).*Spilosoma quadriramosa*, Walker, Cat. Lep. Het. iii, p. 676, (1855); and vii p. 1694, (1856).

SEIRARCTIA QUADRIRAMOSA,—continued.

Seirarctia quadriramosa, Butler, Cist. Ent. ii, p. 26, (1875).

Spilurctia quadriramosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., specimens with no history.

Collection Swinhoe, Simla, Kulu, Cherrapunji, Naga Hills, Satara.

Genus *Alpenus*.**823. ALPENUS BISERIATUS.**

Alpenus biseriatus, Moore, Proc. Zool. Soc. Lond. 1877, p. 596.

S. Andaman Is.

824. ALPENUS FLAVENS.

Alpenus flavens, Moore, Descr. Ind. Lep. Atk. 1, p. 39, (1879).

Cherrapunji.

825. ALPENUS MULTIGUTTATUS.

Hyperompa multiguttata, Walker, Cat. Lep. Het. B. M. iii, p. 657, (1855).

Alpenus multiguttatus, Butler, Cist. Ent. ii, p. 34, (1875).

I. M., Nepal, Sikkim (purchased).

Collection Swinhoe, Simla, Sikkim, Kulu.

826. ALPENUS SPILOSOMOIDES.

Deiopeia spilosomoides, Walker, Cat. Lep. Het. B. M. xxxi, p. 263, (1864).

Alpenus spilosomoides, Butler, Cist. Ent. ii, p. 34, (1875).

Ill. Typ. Lep. Het. v, p. 30, pl. 85, fig. 7, (1881).

N. India.

Allied to *A. multiguttatus*.

Genus *Spilarctia*.**827. SPILARCTIA ABDOMINALIS.**

Spilosoma abdominalis, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, (1859).

Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).

Spilarctia abdominalis, Butler, Cist. Ent. ii, p. 42, (1875).

Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 9, (1881).

Collection Swinhoe, Simla.

828. SPILARCTIA BRUNNEA.

Spilosoma brunnea, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.

Spilarctia brunnea, Butler, Cist. Ent. ii, p. 42, (1875).

Bombay.

829. SPILARCTIA CASIGNETA.

Euprepia casigneta, Kollar, Kaschnir Von Hügel, iv, p. 469, (1894).

Spilosoma casigneta, Walker, Cat. Lep. Het. B. M. iii, p. 676, (1855).

Spilarctia casigneta, Butler, Cist. Ent. ii, p. 43, (1875).

I. M., Sibsagar (Peal).

Collection Swinhoe, Kasauli, Sikkim.

Also recorded from Mussooree.

830. SPILARCTIA CONFUSA.

Spilarctia confusa, Butler, Cist. Ent. ii, p. 42, (1875).

————— Ill. Typ. Lep. Het. v, p. 33, pl. 85, fig. 13,
(1881).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 295.

I. M., Munipur.

Collection Swinhoe, Sikkim, Bombay.

831. SPILARCTIA DENTILINEA.

Spilosoma dentilinea, Moore, Proc. Zool. Soc. Lond. 1872, p. 573.

Sikkim.

832. SPILARCTIA DISCINIGRA.

Spilosoma discinigra, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

Spilarctia discinigra, Butler, Cist. Ent. ii, p. 43, (1875).

Darjiling.

833. SPILARCTIA ERYTHROZONA.

Euprepia erythrozona, Kollar, Kaschmir Von Hügel, iv, p. 468, (1848).

Spilosoma erythrozona, Walker, Cat. Lep. Het. B. M. iii, p. 675, (1855).

Donychopus erythrozona, Butler, Cist. Ent. ii, p. 32, (1875).

Mussooree.

834. SPILARCTIA FLAVALIS.

Spilosoma flavalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

Spilarctia flavalis, Butler, Cist. Ent. ii, p. 39, (1875).

Darjiling.

835. SPILARCTIA GOPARA.

Spilosoma gopara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 356, pl. 9a, fig. 11,
(1859).

————— Walker, Cat. Lep. Het. B. M. xxxi, p. 291, (1864).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Darjiling.

836. SPILARCTIA HOWRA.

Spilarctia howra, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879).

Calcutta.

837. SPILARCTIA INDICA.

Arctia indica, Guer., Voy. Deless. Hist. Nat. p. 93, (1843).

Spilosoma indica, Walker, Cat. Lep. Het. B. M. iii, p. 674, (1855).

Spilarctia indica, Butler, Cist. Ent. ii, p. 40, (1875).

Nilgiri Hills.

838. SPILARCTIA JUCUNDA.

Spilarctia jucunda, Butler, Ill. Typ. Lep. Het. v, p. 32, pl. 85, fig. 11, (1881).

Darjiling.

839. SPILARCTIA LACTEATA.

Spilarctia lacteata, Butler, Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 10, (1881).

Darjiling.

840. SPILARCTIA NYDIA.

Spilarctia nydia, Butler, Cist. Ent. ii, p. 41, (1875).

Ill. Typ. Lep. Het. v, p. 32, pl. 85, fig. 12, (1881).

I. M., Sikkim (Atkinson).

Collection Swinhoe, Darjiling.

Also recorded from Nepal.

841. SPILARCTIA OBLIQUIVITTA.

Spilarctia obliquivitta, Moore, Deser. Ind. Lep. Atk. i, p. 40, pl. 2, fig. 26, (1879).

Darjiling.

842. SPILARCTIA RUBILINEA.

Spilosoma rubilinea, Moore, Proc. Zool. Soc. Lond. 1865, p. 810.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

Spilarctia rubilinea, Butler, Cist. Ent. ii, p. 44, (1875).

I. M., Shillong.

Collection Swinhoe, Sikkim.

843. SPILARCTIA RUBITINCTA.

Spilosoma rubitincta, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.

Spilarctia rubitincta, Butler, Cist. Ent. ii, p. 43, (1875).

Darjiling.

844. SPILARCTIA SORDIDA.

Spilosoma sordida, Moore, Proc. Zool. Soc. Lond. 1865, p. 808.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1906, (1866).

Spilarctia sordida, Butler, Cist. Ent. ii, p. 42, (1874).

Darjiling.

845. SPILARCTIA STIGMATA.

Spilosoma stigmata, Moore, Proc. Zool. Soc. Lond. 1865, p. 809.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1907, (1866).

Spilarctia stigmata, Butler, Cist. Ent. ii, p. 40, (1875).

Darjiling.

I. M., a specimen with no history.

846. SPILARCTIA SUBFASCIA.

Spilosoma subfascia, Walker, Cat. Lep. Het. B. M. iii, p. 678, (1855).

Spilarctia subfascia, Butler, Cist. Ent. ii, p. 40, (1875).

Moore, Lep. Ceyl. ii, p. 71, pl. 107, figs. 3, 3a, (1882).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

847. SPILARCTIA SUFFUSA.

Spilosoma suffusa, Walker, Cat. Lep. Het. B. M. iii, p. 677, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Spilarctia suffusa, Butler, Cist. Ent. ii, p. 41, (1875).

Punjab.

848. SPILARCTIA TODARA.

Spilosoma todara, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.

Spilarctia todara, Butler, Cist. Ent. ii, p. 42, (1875)

Nilgiri Hills.

849. SPILARCTIA UNIFORMIS.

Spilarctia uniformis, Moore, Descr. Ind. Lep. Atk. i, p. 39, (1879)

I. M., Sibsagar (Peal).

Also recorded from Calcutta.

Genus *Rhyparia*.

850. RHYPARIA TIGRINA.

Rhyparia tigrina, Moore, Proc. Zool. Soc. Lond. 1879, p. 398, pl. 32, fig. 4

S. India.

Genus *Cycnia*.

851. CYCNIA RUBIDA.

Cycnia rubida, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864).

Ceylon.

852. CYCNIA SPARSIGUTTA.

Cycnia sparsigutta, Walker, Cat. Lep. Het. xxxi, p. 296, (1864).

Moore, Lep. Ceyl. ii, p. 77, (1882).

I. M., Ceylon (Colombo Museum).

853. CYCNIA TRANSVERSA.

Cycnia transversa, Moore, Proc. Zool. Soc. Lond. 1879, p. 398.

N.-W. India.

Genus *Challa*.854. *CHALLA BIMACULATA*.

Challa bimaculata, Moore, Proc. Zool. Soc. Lond. 1879, p. 398.
N.-W. Himalayas.

855. *CHALLA DISCALIS*.

Challa discalis, Moore, Proc. Zool. Soc. Lond. 1879, p. 399, pl. 32, fig. 7.
N.-W. Himalayas.

Genus *Nyaca*.856. *NYACA ABDOMINALIS*.

Alpheia abdominalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
I. M., Sikkim (purchased).

857. *NYACA DIVISA*.

Arctia divisa, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).
Ardices divisa, Butler, Cist. Ent. ii, p. 28, (1875).
Nyaca divisa, Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 83, fig. 2, (1881).
I. M., N. Khasi Hills.
Also recorded from the Himalayas.

858. *NYACA FLORESCENS*.

Nyaca florescens, Moore, Descr. Ind. Lep. Atk. i, p. 43, pl. 2, fig. 13, (1879).
Butler, Ill. Typ. Lep. Het. v, p. 34, pl. 86, fig. 3, (1881).
I. M., Khasi Hills.
Also recorded from Darjiling.

859. *NYACA FULVOHIRTA*.

Alpheia fulvohirta, Walker, Cat. Lep. Het. B. M. iii, p. 684, (1855).
Butler, Cist. Ent. ii, p. 28, (1875).
Ill. Typ. Lep. Het. v, p. 31, pl. 85, fig. 8, (1881).
I. M., Sikkim.
Collection Swinhoe, Darjiling.

860. *NYACA IMBUTA*.

Arctia imbuta, Walker, Cat. Lep. Het. B. M. iii, p. 614, (1855).
Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Pericallia imbuta, Butler, Cist. Ent. ii, p. 29, note, (1875).
Nayaca (sic) *imbuta*, Moore, Descr. Ind. Lep. Atk. i, p. 43, (1879).
Butler, Ill. Typ. Lep. Het. v, p. 33, pl. 86, fig. 1, (1881).
Collection Swinhoe, Simla, Sikkim.

Genus *Ardices*.861. *ARDICES VARIA*.

Alpheia varia, Walker, Cat. Lep. Het. B. M. xxxi, p. 297, (1864).
Ardices varia, Butler, Cist. Ent. ii, p. 29, (1875).
Mussooree.

Genus *Icambosida*.862. *ICAMBOSIDA NIGRIFRONS*.

Icambosida nigrifrons, Walker, Cat. Lep. Het. B. M. xxxii, p. 401, (1865);
also xxxv, p. 1918, (1866).

————— Butler, Cist. Ent. ii, p. 29, (1875).

————— Ill. Typ. Lep. Het. v, p. 29, pl. 85, fig. 3,
(1881).

Collection Swinhoe, Darjiling.

863. *ICAMBOSIDA PUNCTILINEA*.

Icambosida punctilinea, Moore, Descr. Ind. Lep. Atk. i, p. 40, (1879).
Darjiling.

Genus *Carbisa*.864. *CARBISA VENOSA*.

Carbisa venosa, Moore, Descr. Ind. Lep. Atk. i, p. 41, pl. 2, fig. 10, (1879).
Darjiling.

Genus *Microsemyra*.865. *MICROSEMYRA PALLIDA*.

Microsemyra pallida, Butler, Proc. Zool. Soc. Lond. 1883, p. 155.

Collection Swinhoe, Mhow.

FAMILY LIPARIDÆ.

Genus *Perina*.866. *PERINA BIPARS*.

Perina bipars, Walker, Cat. Lep. Het. B. M. xxxii, p. 406, (1865).
India.

867. *PERINA NUDA*.

Bombyx nuda, Fabr., Mant. Ins ii, p. 117, (1787).

Euproctis antira, var., Walker, Cat. Lep. Het. B. M. iv, p. 835, (1855).

Stilpnotia subtineta, Walker, loc. cit., p. 843, (1855).

Perina basalis, Walker, loc. cit., p. 966, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, fig.
4, (1859).

————— Proc. Zool. Soc. Lond. 1878, p. 848.

—————, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

————— Proc. Zool. Soc. Lond. 1886, p. 437.

Euproctis combinata, Walker, loc. cit. xxxii, p. 347, (1865).

Perina nuda, Moore, Lep. Ceyl. ii, p. 94, pl. 114, figs. 1, 1a, 1b, (1882).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402, pl. 14, figs. 7,
7a, 7b, and pl. 15, figs. 6a—d.

I. M., Calcutta (de Niceville), Cachar (Wood-Mason).
Collection Swinhoe, Belgaum, Mhow, Poona, Bombay.
Also recorded from Ceylon, Nepal, and Hongkong.

Genus *Gynæphora*.868. *GYNÆPHORA OCULARIS*.

Orygia ocularis, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Calcutta.

869. *GYNÆPHORA SOCRUS*.

Gynæphora socrus, Geyr., Zutr. iv, 12, figs. 387, 388.*

Aroa substrigosa, Walker, Cat. Lep. Het. B. M. iv, p. 794, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 5, (1881).

Aroa socrus, Walker, loc. cit. xxii, p. 327, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet, Java, Hongkong.

870. *GYNÆPHORA XERAMPHELINA*.

Gynæphora xerampelina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 21, figs. 8, 9.

Collection Swinhoe, Poona.

Genus *Repena*.871. *REPENA CERVINA*.

Repena cervina, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855).

E. Indies.

Genus *Orgyia*.872. *ORGYIA ALBIFASCIA*.

Orgyia albifascia, Walker, Cat. Lep. Het. B. M. xxii, p. 325, (1865).

Moore, Journ. As. Soc. Beng. liii, 2, p. 235, (1884).

Darjiling.

873. *ORGYIA BICOLOR*.

Orgyia bicolor, Walker, Cat. Lep. Het. B. M. iv, p. 787, (1855).

E. Indies.

874. *ORGYIA CEYLONICA*.

Orgyia ceylonica, Nietner, Obs. Enemies of Coffee in Ceylon p. 19, (1861).*

Moore, Lep. Ceyl. ii, p. 78, (1882).

Ceylon.

875. *ORGYIA POSTICA*.

Larida postica, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855).

Orgyia (sic) *postica*, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).

Lep. Ceyl. ii, p. 78, pl. 106, figs. 1, 1a, 1b, (1882).

E. Indies.

876. ORGYIA SIMPLEX.

Orgyia simplex, Walker, Cat. Lep. Het. B. M. xxxii, p. 325, (1865).
S. India.

877. ORGYIA SUBFASCIA.

Orgyia subfascia, Moore, Proc. Zool. Soc. Lond. 1865, p. 803.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1912, (1866).
Darjiling.

878. ORGYIA VIRIDESCENS.

Acyphas viridescens, Walker, Cat. Lep. Het. B. M. iv, p. 798, (1855).
Orgyia viridescens, Moore, Lep. Ceyl. ii, p. 79, (1882).
Ceylon.

Genus *Charnidas*.

879. CHARNIDAS CINNAMOMEA.

Charnidas cinnamomea, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).
Pangi, Upper Kunawar, N.-W. Himalayas.
Allied to *C. litura*.

880. CHARNIDAS LITURA.

Charnidas litura, Walker, Cat. Lep. Het. B. M. iv, p. 797, (1855).
Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
Nepal.

881. CHARNIDAS OCHRACEA.

Charnidas ochracea, Moore, Descr. Ind. Lep. Atk. i, p. 44, (1879).
Calcutta.

882. CHARNIDAS PLANA.

Orgyia plana, Walker, Cat. Lep. Het. B. M. iv, p. 786, (1855).
Charnidas junctifera, Walker, loc. cit. xxxii, p. 334, (1865).
Charnidas plana, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 1, 1a, (1882).
Collection Swinhoe, Ceylon.
Also recorded from N. India.

883. CHARNIDAS ROTUNDATA.

Lucida rotundata, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).
Cyenia rubida, Walker, loc. cit. xxi, p. 297, (1864).
Lymantria disjuncta, Walker, loc. cit. xxxii, p. 366, (1865).
Charnidas rotundata, Moore, Lep. Ceyl. ii, p. 82, pl. 110, figs. 4, 4a, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 299.
Collection Swinhoe, Poona, Ceylon.

884. CHARNIDAS SUBNOTATA.

Larida subnotata, Walker, Cat. Lep. Het. B. M. iv, p. 803, (1855).
Charnidas subnotata, Moore, Lep. Ceyl. ii, p. 83, (1882).

Ceylon.

885. CHARNIDAS TESTACEA.

Cynia testacea, Walker, Cat. Lep. Het. B. M. iii, p. 683, (1855).
Charnidas testacea, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299.
 ——— Proc. Zool. Soc. Lond. 1886, p. 437.

Collection Swinhoe, Mhow, Bombay, Sind.

Genus *Lælioides*.

886. LÆLIOIDES FASCIATA.

Lælioides fasciata, Moore, Lep. Ceyl. ii, p. 84, pl. 110, fig. 6, (1882).
 Ceylon.

887. LÆLIOIDES LACTEA.

Lælioides lactea, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
 Punjab.

888. LÆLIOIDES RUBRIPENNIS.

Lælioides rubripennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
 Burma.

Genus *Lælia*.

889. LÆLIA ANGULIFERA.

Prorodaca (sic) *angulifera*, Walker, Cat. Lep. Het. B. M. iv, p. 919, (1855).
Ririne suffusa, Walker, loc. cit., p. 824, (1855).
Lælia angulifera, Moore, Lep. Ceyl. ii, p. 83, pl. 110, figs. 5, 5a, (1882).

I. M., Sibsagar (Peal).

Also recorded from Java and Ceylon.

890. LÆLIA LILACINA.

Lælia lilacina, Moore, Trans. Ent. Soc. Lond. 1884, p. 357.
 Coonoor.

891. LÆLIA PALLIDA.

Lælia pallida, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299

Collection Swinhoe, Bombay, Karachi.

Allied to *L. angulifera*.

Part II.

892. *LÆLIA VENOSA*.

Lælia venosa, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

S. Andaman Is.

Genus *Genusa*.

893. *GENUSA BIGUTTA*.

Genusa bigutta, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Calcutta.

894. *GENUSA CIRCUMDATA*.

Genusa circumdata, Walker, Cat. Lep. Het. B. M. iv, p. 819, (1855).

Lælia circumdata, Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 7, (1881).

Collection Swinhoe, Simla, Darjiling.

895. *GENUSA COMPARATA*.

Genusa comparata, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Darjiling, Cherrapunji.

Allied to *G. circumdata*.

896. *GENUSA DELINEATA*.

Genusa delineata, Walker, Cat. Lep. Het. B. M. iv, p. 818, (1855).

Moore, Proc. Zool. Soc. Lond. 1867, p. 679.

Lælia delineata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 50, pl. 89, fig. 8, (1881).

I. M., Yunan, Buxa (Moti Ram), Shillong, Darjiling (purchased), Naga Hills, Sibsagar, Cherrapunji, Khasi Hills.

Collection Swinhoe, Buxar, Bhootan, Sikkim.

Allied recorded from Sylhet.

Allied to *G. circumdata*.

897. *GENUSA DISCIFERA*.

Genusa discifera, Walker, Char. Undescr. Lep. Het., p. 14, (1869).

Bengal.

Allied to *G. circumdata*.

898. *GENUSA TERMINATA*.

Genusa terminata, Walker, Cat. Lep. Het. B. M. xxxii, p. 340, (1864).

India.

Genus *Derooca*.

899. *DEROCCA HYALINA*.

Derooca hyalina, Walker, Cat. Lep. Het. B. M. iv, p. 823, (1855).

Himalayas.

I. M., Kulu (purchased).

Collection Swinhoe, Simla.

900. *DEROCA MACULATA*.*Derocha maculata*, Moore, Proc. Zool. Soc. Lond. 1872, p. 575.

I. M., Simla.

Also recorded from Mussooree.

Genus *Themaca*.901. *THEMACA COMPARATA*.*Themaca comparata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 395, (1865).

N. India.

Genus *Artaxa*.902. *ARTAXA APICALIS*.*Arna apicalis*, Walker, Cat. Lep. Het. B. M. vii, p. 1177, (1856).*Artaxa apicalis*, Moore, Lep. Ceyl. ii, p. 85, pl. 111, figs. 4, 4a, 4b, (1882).

Ceylon.

903. *ARTAXA ATOMARIA*.*Artaxa atomaria*, Walker, Cat. Lep. Het. B. M. iv, p. 796, (1855). Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 2, (1881).

N. India, Moulmein.

904. *ARTAXA BASALIS*.*Artaxa basalis*, Moore, Desor. Ind. Lep. Atk. i, p. 51, pl. 2, fig. 16, (1879).

Darjiling.

905. *ARTAXA BREVIVITTA*.*Artaxa brevivitta*, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 10. Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona.

Also recorded from Bengal.

Allied to *A. howra*.906. *ARTAXA CERVINA*.*Artaxa cervina*, Moore, Ann. Mag. Nat. Hist. (4), xx, p. 345, (1877). Lep. Ceyl. ii, p. 86, pl. 112, fig. 3, (1882).

Ceylon.

Allied to *A. varians*.907. *ARTAXA CITRINA*.*Artaxa citrina*, Moore, Ann. Mag. N. H. (4), xx, p. 344, (1877). Lep. Ceyl. ii, p. 85, pl. 112, figs. 2, 2a, (1882).

Ceylon.

908. ARTAXA DIGRAMMA.

Bombyx digramma, Boisd., Icon. R. Anim. Ins., p. 508, pl. 86, fig. 4, (1829—38).*

Artaxa guttata, Walker, Cat. Lep. Het. B. M. iv, p. 795, (1855).

Artaxa digramma, Moore, Cat. Lep. Mus. E. I. C. ii, p. 350, pl. 16, figs. 5, 5a, (1859).

———— Walker, loc. cit. xxxii, p. 329, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

———— Lep. Ceyl. ii, p. 85, pl. 112, figs. 1, 1a, (1882).

———— Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

Sylhet, Nepal, Calcutta, Kanara, Birmā, Ceylon, China, Java.

909. ARTAXA DISPERSA.

Artaxa dispersa, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 6, (1879).

Darjiling.

Allied to *A. subfasciata*.

910. ARTAXA ERECTA.

Artaxa erecta, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 6.

Kanara.

911. ARTAXA FRATERNA.

Artaxa fraterna, Moore, Lep. Ceyl. ii, p. 85, (1882).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, Ceylon.

912. ARTAXA HOWRA.

Artaxa howra, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).

Calcutta.

Allied to *A. citrina*.

913. ARTAXA INCONCISA.

Artaxa inconcisa, Walker, Cat. Lep. Het. B. M. xxxii, p. 332, (1865).

I. M., Sikkim (Atkinson).

Collection Swinhoe, Darjiling.

914. ARTAXA JUSTICIA.

Artaxa justicia, Moore, Cat. Lep. Mus. E. I. C. ii, p. 352, pl. 16, figs. 6, 6a, (1859).

———— Walker, Cat. Lep. Het. B. M. xxxii, p. 330, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Calcutta.

Allied to *A. atomaria*.

915. ARTAXA LIMBATA.

Artaxa limbata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 53, pl. 90, fig. 3, (1851).

I. M., Kulu (Purchased), Andaman Is. (purchased).

Collection Swinhoe, Simla.

Also recorded from Sikkim.

916. ARTAXA PRINCEPS.

Artaxa princeps, Walker, Cat. Lep. Het. B. M. xxxii, p. 331, (1865).

N. India.

917. ARTAXA PUSILLA.

Artaxa pusilla, Moore, Lep. Ceyl. ii, p. 86, pl. 112, fig. 4, (1882).

Euproctis pygmaea, Moore, Descr. Ind. Lep. Atk. i, p. 48, (1879).

Butler, Proc. Zool. Soc. Lond. 1883, p. 156 note.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

I. M., Andaman Is. (purchased), Calcutta.

Collection Swinhoe, Karachi, Hubb River.

Also recorded from Ceylon.

918. ARTAXA SUBFASCIATA.

Artaxa subfasciata, Walker, Cat. Lep. Het. B. M. xxxii, p. 332, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

————— Journ. As. Soc. Beng. liii, 2, 3, p. 235, (1884).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Calcutta.

Collection Swinhoe, Cachar.

Also recorded from Sikkim.

919. ARTAXA TRIFASCIATA.

Artaxa trifasciata, Moore, Descr. Ind. Lep. Atk. i, p. 51, (1879).

Cherrapunji.

Allied to *A. subfasciata*.

920. ARTAXA UNIMACULA.

Artaxa unimacula, Moore, Proc. Zool. Soc. Lond. 1879, p. 399.

Khasi Hills.

Allied to *A. digramma*.

921. ARTAXA VARIANS.

Artaxa varians, Walker, Cat. Lep. Het. B. M. iii, p. 796, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1878, p. 848.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

I. M., Calcutta, Buxa (Moti Ram), Mergui (Anderson).

Collection Swinhoe, Poona, Bombay.

Also recorded from the Punjab, Tenasserim, China, and S. Africa.

922. ARTAXA VENOSA.

Artaxa venosa, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 5, (1879).
Darjiling.

Genus *Somena*.

923. SOMENA IRRORATA.

Somena irrorata, Moore, Lep. Ceyl. ii, p. 87, pl. 111, fig. 2, (1882).
Ceylon.

924. SOMENA SCINTILLANS.

Somena scintillans, Walker, Cat. Lep. Het. B. M. vii, p. 1734, (1866).
— Moore, Lep. Ceyl. ii, p. 86, pl. 111, figs. 3, 3a, (1882).
Artaxa scintillans, Butler, Ill. Typ. Lep. Het. v, p. 52, pl. 90, fig. 1, (1881).
— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Poona, Bombay, and Ceylon.

925. SOMENA SUBNOTATA.

Orvasca subnotata, Walker, Cat. Lep. Het. B. M. xxxii, p. 502, (1865).
Somena subnotata, Moore, Lep. Ceyl. ii, p. 87, pl. 111, figs. 1, 1a, 1b, (1882).
Gomena (sic) *subnotata*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515.

Collection Swinhoe, Karachi.
Also recorded from Ceylon.

Genus *Cispia*.

926. CISPIA PUNCTIFASCIA.

Cispia punctifascia, Walker, Cat. Lep. Het. B. M. iv, p. 857, (1855).
— Butler, Ill. Typ. Lep. Het. v, p. 53, pl. 90, fig. 4, (1881).
— Moore, Lep. Ceyl. ii, p. 91, pl. 113, fig. 3, (1882).

I. M., Buxa (Moti Ram).
Collection Swinhoe, Darjiling.
Also recorded from Sylhet.

927. CISPIA SEMISIGNATA.

Cispia semisignata, Walker, Cat. Lep. Het. B. M. xxxii, p. 356, (1865).
S. India.

928. CISPIA VENOSA.

Cispia venosa, Walker, Trans. Ent. Soc. Lond. (3), i, p. 264, (1862-64).
— Cat. Lep. Het. B. M. xxxii, p. 356, (1865).

I. M., Sikkim (Atkinson).

Genus *Porthesia*.929. *PORTHESIA MARGINALIS*.*Euproctis marginalis*, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).*Porthesia marginalis*, Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 12, (1881).

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Mergui (Anderson).

Collection Swinhoe, Mhow, Punjab, Poona, Bombay,

930. *PORTHESIA SUBDITA*.*Euproctis subdita*, Moore, Proc. Zool. Soc. Lond. 1879, p. 400.*Porthesia subdita*, Moore, Lep. Ceyl. ii, p. 89, pl. 112, figs. 5, 5a (1882).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

Allied to *P. auriflua* of Europe.931. *PORTHESIA SUBNIGRA*.*Euproctis subnigra*, Moore, Desor. Ind. Lep. Atk. i, p. 48, (1879).

I. M., Sibsagar (Peal), Kulu (purchased).

Collection Swinhoe, Simla, Sikkim, Sibsagar.

Recorded from Cherrapunji and the Jawai Hills.

932. *PORTHESIA VIRGUNCULA*.*Euproctis virguncula*, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, pl. 16, figs. 3, 3a, (1859).

————— Snellen, Tijds. Ent. Hague xx, p. 14, pl. 1, fig. 7, (1877).

Punjab, Deccan, Ceylon, Java.

Genus *Euproctis*.933. *EUPROCTIS ANTICA*.*Euproctis antica*, Walker, Cat. Lep. Het. B. M. iv, p. 835, (1855).

Nepal, Hongkong.

934. *EUPROCTIS ATOMARIA*.*Euproctis atomaria*, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

————— Snellen, Tijds. Ent. Hague xx, p. 11, pl. 1, fig. 4, (1877).

I. M., Mergui (Anderson).

Recorded from N. India and Java.

935. *EUPROCTIS BIGUTTA*.*Euproctis bigutta*, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 349, (1859).

————— Lep. Ceyl. ii, p. 90, pl. 112, fig. 6a, (1882).

Kanara, Ceylon, Java.

936. *EUPROCTIS BIMACULATA*.*Euproctis bimaculata*, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).*Moore*, Lep. Ceyl. ii, p. 89, pl. 112, figs. 6, 6b, (1882).

I. M., (?) Andaman Is. (purchased).

Also recorded from Ceylon.

937. *EUPROCTIS DISCINOTA*.*Euproctis discinota*, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.

Andaman Is.

938. *EUPROCTIS DIVISA*.*Euproctis divisa*, Walker, Cat. Lep. Het. B. M. iv, p. 836, (1855).

Nepal, Punjab, Sylhet.

939. *EUPROCTIS FLAVONIGRA*.*Euproctis flavonigra*, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32, fig. 11.

Nepal.

940. *EUPROCTIS GAMMA*.*Euproctis gamma*, Walker, Cat. Lep. Het. B. M. vii, p. 1731, (1856).*Moore*, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).

Sikkim.

941. *EUPROCTIS ICILIA*.*Phalana icilia*, Stoll., Cram. Pap. Exot. v, p. 158, pl. 35, fig. 5, (1790).*Bombyx arenacea*, Linn., Syst. Nat. i, 2, 828, 65.**Phalana (Bombyx) arenacea*, Drury, Ins. i, p. 33, pl. 18, fig. 1, (1770).*Nygmia arenacea*, Hubn., Verz. Bek. Schmett., p. 193, (1816).*Lamarodes arenacea*, Westw., Ed. Drury i, p. 32, pl. 18, fig. 1, (1837).**Euproctus icilia*, Walker, Cat. Lep. Het. B. M. vii, p. 1730, (1856).

Tranquebar.

942. *EUPROCTIS IMMACULATA*.*Euproctis immaculata*, Moore, Trans. Ent. Soc. Lond. 1884, p. 358.

Java, Sikkim.

943. *EUPROCTIS KARGALICA*.*Euproctis kargalica*, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878).*Second Yarkand Miss. Lep.*, p. 7, pl. 1, fig. 18, (1879).

I. M., Yarkand Type (2nd Mission).

944. *EUPROCTIS LACTEA*.*Euproctis lactea*, Moore, Ann. Mag. N. H. (5), i, p. 231, (1878).

I. M., Yarkand Type (2nd Mission).

945. *EUPROCTIS LATIFASCIA*.

Leucoma latifascia, Walker, Cat. Lep. Het. B. iv, p. 831, (1855).

Euproctis latifascia, Butler, Ill. Typ. Lep. Het. B. M. v, p. 51, pl. 89, fig. 11, (1881).

Euproctis melanophila, Walker, loc. cit. xxxii, p. 349, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Also recorded from Nepal.

946. *EUPROCTIS LUNATA*.

Euproctis lunata, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855); and vii, p. 1731, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 16, fig. 2, (1859).

Proc. Zool. Soc. Lond. 1867, p. 680.

Butler, Ill. Typ. Lep. Het. v, p. 50, pl. 89, fig. 9, (1881).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 400, pl. 14, figs. 5-5c.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

loc. cit., 1886, p. 437.

I. M., Delhi.

Collection Swinhoe, Jullundur, Mhow, Poona.

Also recorded from Calcutta.

947. *EUPROCTIS LUTESCENS*.

Euproctis lutescens, Walker, Cat. Lep. Het. B. M. iv, p. 837, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 10, (1881).

Moore, Lep. Ceyl. ii, p. 90, pl. 113, fig. 1, (1882).

N. India, Ceylon.

I. M., a specimen with no history.

948. *EUPROCTIS MADANA*

Euproctis madana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 345, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

949. *EUPROCTIS METAMELANA*.

Euproctis metamelana, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Cherrapunji.

Allied to *E. melanophila*.

950. *EUPROCTIS POSTICA*.

Euproctis postica, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

Collection Swinhoe, Bombay.

Also recorded from Poona.

951. *EUPROCTIS POSTINCISA*.

Euproctis postincisa, Moore, Proc. Zool. Soc. Lond. 1879, p. 400, pl. 32,
fig. 5.

N.-E. Bengal.

952. *EUPROCTIS RANA*.

Euproctis rana, Moore, Proc. Zool. Soc. Lond. 1865, p. 806.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1915, (1866).

Sylhet.

953. *EUPROCTIS SEMIVITTA*.

Euproctis semivitta, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 25.
(1879).

Khasi Hills.

954. *EUPROCTIS TINCTIFERA*.

Euproctis tinctifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 349, (1865).

Moore, Lep. Ceyl. ii, p. 90, (1882).

Ceylon.

955. *EUPROCTIS VARIEGATA*.

Euproctis variegata, Moore, Descr. Ind. Lep. Atk. i, p. 48, pl. 2, fig. 24,
(1879).

Darjiling.

956. *EUPROCTIS VILIS*.

Euproctis vilis, Walker, Cat. Lep. Het. B. M. xxxii, p. 348, (1865).

S. India.

957. *EUPROCTIS VITELLINA*.

Liparis vitellina, Kollar, Kaschmir Von Hugel, iv, p. 471, (1848).

Euproctis vitellina, Walker, Cat. Lep. Het. B. M. iv, p. 838, (1855).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 298.

I. M., Kulu (purchased), Simla.

Collection Swinhoe, Simla, Satara.

Also recorded from Satara.

958. *EUPROCTIS XANTHORRHÆA*.

Liparis xanthorrhæa, Kollar, Kaschmir Von Hugel, p. 470, (1848).

Euproctis xanthorrhæa, Walker, Cat. Lep. Het. B. M. iv, p. 838, (1855).

Mussooree, Kashmir.

Genus *Pida*.959. *PIDA ALBODENTATA*.

Pida albodentata, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

N.-W. Himalayas.

960. *PIDA APICALIS*.*Pida apicalis*, Walker, Cat. Lep. Het. B. M. xxii, p. 400, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Butler, Ill. Typ. Lep. Het. B. M. v, p. 62, pl. 89, fig. 16, (1881).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

961. *PIDA LATIVITTA*.*Pida lativitta*, Moore, Descr. Ind. Lep. Atk. i. p. 49, pl. 2, fig. 18, (1879).

Darjiling.

Genus *Numenes*.962. *NUMENES PARTITA*.*Numenes partita*, Walker, Cat. Lep. Het. B. M. xxxi, p. 290, (1864).

Darjiling.

963. *NUMENES PATRANA*.*Numenes patrana*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 367, (1859).

Walker, Cat. Lep. Het. B. M. xxxi, p. 289, (1864).

Collection Swinhoe, Sikkim.

Also recorded from Bhotan.

964. *NUMENES SILETTI*.*Numenes siletti*, Walker, Cat. Lep. Het. B. M. iii, p. 663, (1855).

I. M., Tavoy (Moti Ram), Cachar (Wood-Mason), Sikkim (purchased), N. Khasi Hills, Sibsagar.

Collection Swinhoe, Sylhet.

Also recorded from Java.

Genus *Chærotricha*.965. *CHÆROTRICHA BIPARTITA*.*Chærotricha bipartita*, Moore, Descr. Ind. Lep. Atk. i, p. 49, pl. 2, fig. 4, (1879).

Darjiling.

966. *CHÆROTRICHA DECUSSATA*.*Chærotricha decussata*, Moore, Ann. Mag. N. H. (4), xx, p. 345, (1877).

Lep. Ceyl. ii, p. 91, pl. 118, figs. 2, 2a, 2b; (1882).

Euproctis decussata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.

Collection Swinhoe, Nilgiri Hills, Poona, Bombay.

Also recorded from Ceylon.

Allied to *C. plana*.

967. *CHÆROTRICHA IMMACULATA*.

Chærotricha immaculata, Butler, Ill. Typ. Lep. Het. B. M. v, p. 52, pl. 89, fig. 14, (1881).

Darjiling.

968. *CHÆROTRICHA LEITHIANA*.

Artaxa leithiana, Moore, Proc. Zool Soc. Lond. 1879, p. 399, pl. 32, fig. 9.

I. M., a specimen with no locality (Anderson).

Collection Swinhoe, Poona, Bombay, Belgaum.

Also recorded from Kanara.

969. *CHÆROTRICHA MARGINATA*.

Chærotricha marginata, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879).

Darjiling.

Allied to *C. plagiata*.

970. *CHÆROTRICHA PLAGIATA*.

Cispia plagiata, Walker, Cat. Lep. Het. B. M. iv, p. 858, (1855).

Nepal.

971. *CHÆROTRICHA PLANA*.

Euproctis plana, Walker, Cat. Lep. Het. vii, p. 1731, (1856).

Chærotricha plana, Butler, Ill. Typ. Lep. Het. v, p. 51, pl. 89, fig. 13, (1881).

Collection Swinhoe, Bengal.

Also recorded from Darjiling.

972. *CHÆROTRICHA QUADRANGULARIS*.

Chærotricha quadrangularis, Moore, Descr. Ind. Lep. Atk. i, p. 50, pl. 2, fig. 23, (1879).

Manipur, E. Bengal.

973. *CHÆROTRICHA UNIFORMIS*.

Chærotricha uniformis, Moore, Descr. Ind. Lep. Atk. i, p. 49, (1879).

Darjiling.

Allied to *C. plagiata*.

974. *CHÆROTRICHA VARIA*.

Euproctis varia, Walker, Cat. Lep. Het. B. M. iv, p. 840, (1855).

— Moore, Cat. Lep. Mus. E. I. C. ii, p. 348, pl. 9a, fig. 5, (1859).

Collection Swinhoe, Simla, Sikkim.

Genus *Dasychira*.975. *DASYCHIRA ALBESCENS*.

Dasychira albescens, Moore, Descr. Ind. Lep. Atk. i, p. 59, pl. 3, fig. 2, (1879).

Darjiling.

Allied to *D. cinetata*.

976. *DASYCHIRA BHANA*.*Dasychira bhana*, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.*—————* Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Collection Swinhoe, Darjiling.

Allied to *D. tenebrosa*.977. *DASYCHIRA BRUNNESCENS*.*Dasychira brunneescens*, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).

Darjiling.

978. *DASYCHIRA CINCTATA*.*Dasychira cinctata*, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879).

Darjiling.

979. *DASYCHIRA CONVERGENS*.*Dasychira convergens*, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1855).*—————* Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Sylhet.

980. *DASYCHIRA FASCIATA*.*Dasychira fasciata*, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879).

Darjiling.

981. *DASYCHIRA FLAVIMACULA*.*Dasychira flavimacula*, Moore, Proc. Zool. Soc. Lond. 1865, p. 804.*—————* Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Darjiling.

982. *DASYCHIRA GROTEI*.*Dasychira grotei*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. xv, figs. 1, 1a, (1859).*—————* Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).*—————* Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

India, Penang.

983. *DASYCHIRA KAUSALIA*.*Dasychira kausalia*, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

Collection Swinhoe, Simla.

Also recorded from Kasauli.

Allied to *D. horsfieldi* and *D. strigata*.

984. *DASYCHIRA MARUTA*.*Dasychira maruta*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 339, (1859).

Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Butler, Ill. Typ. Lep. Het. B. M. v, p. 58, pl. 91, fig. 6, (1881).

Darjiling.

985. *DASYCHIRA MÆRENS*.*Dasychira mærens*, Felder, Reise Novara Lep., pl. 99, fig. 4, (1864-75).

Ceylon.

986. *DASYCHIRA NIGRITULA*.*Dasychira nigrītula*, Walker, Cat. Lep. Het. B. M. xxxii, p. 360, (1865).

N. India.

987. *DASYCHIRA NIVEOSPERSA*.*Dasychira niveosparsa*, Butler, Ill. Typ. Lep. Het. B. M. v, p. 59, pl. 91, fig. 7, (1881).

Darjiling.

988. *DASYCHIRA PERDIX*.*Dasychira perdix*, Moore, Descr. Ind. Lep. Atk. i, p. 58, pl. 3, fig. 3, (1879).

Darjiling.

989. *DASYCHIRA STRIGATA*.*Dasychira strigata*, Moore, Descr. Ind. Lep. Atk. i, p. 58, (1879).

Garhwal, Simla.

Allied to *D. kausalia*.990. *DASYCHIRA TENEBROSA*.*Dasychira tenebrosa*, Walker, Cat. Lep. Het. B. M. xxxii, p. 361, (1865) ;
and xxxv, p. 1916, (1866).

Darjiling.

991. *DASYCHIRA THWAITESII*.*Dasychira thwaitesii*, Moore, Lep. Ceyl. ii, p. 98, pl. 116, figs. 1, 1a, 1b, (1882).

Collection Swinhoe, Ceylon.

992. *DASYCHIRA VARIA*.*Dasychira varia*, Walker, Cat. Lep. Het. B. M. iv, p. 868, (1865).

E. Indies.

Genus *Gazalina*.993. *GAZALINA APSARA*.

Dasychira apsara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).
 Walker, Cat. Lep. Het. B. M. xxxii, p. 359, (1865).
Gazalina apsara, Moore, Proc. Zool. Soc. Lond. 1867, p. 681.
 N. India.

994. *GAZALINA CHRYSOLOPHA*.

Liparis chrysolopha, Köllar, Kaschmir Von Hügel, iv, p. 470, (1848).
Dasychira antica, Walker, Cat. Lep. Het. B. M. iv, p. 867, (1855).
Oligoclona chordigera, Felder, Reise Novara Lep., pl. 94, fig. 10, (1864-75).
Gazalina antica, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 4, (1881).
 I. M., Darjiling, Kulu.
 Collection Swinhoe, Sikkim.
 Also recorded from Almora.

995. *GAZALINA TRANSVERSA*.

Gazalina transversa, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 22,
 (1879).
 Darjiling.

996. *GAZALINA VENOSATA*.

Gazalina venosata, Walker, Cat. Lep. Het. B. M. xxxii, p. 398, (1865).
 Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 5, (1881).
Oligoclona nervosa, Felder, Reise Novara Lep., pl. 95, fig. 8, (1864-75).
 I. M., Darjiling.
 Collection Swinhoe, Sikkim.
 Also recorded from Barrackpore.

Genus *Mardara*.997. *MARDARA CALLIGRAMMA*.

Mardara calligramma, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865),
 also xxxv, p. 1918, (1866).
 I. M., Sikkim (purchased).
 Collection Swinhoe, Simla, Darjiling.

998. *MARDARA COMPLICATA*.

Dasychira complicata, Walker, Cat. Lep. Het. B. M. xxxii, p. 362, (1865).
Trisula pustulifera, Walker, loc. cit., p. 576, (1865).
Mardara complicata, Butler, Ill. Typ. Lep. Het. v, p. 58, pl. 91, figs. 4-5,
 (1881).
 I. M., Darjiling.
 Collection Swinhoe, Darjiling.
 Also recorded from Barrackpore.

Genus *Lymantria*.999. *LYMANTRIA ALBOLUNULATA*.

Lymantria albolunulata, Moore, Proc. Zool. Soc. Lond. 1879, p. 403.
 Collection Swinhoe, Simla.
 Also recorded from Dharmasala.

1000. *LYMANTRIA ARYAMA*.

Lymantria alyama, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).
 Proc. Zool. Soc. Lond. 1867, p. 681.

Kanara.

1001. *LYMANTRIA ASOETRIA*.

Lymantria asoetria, Hübn., Samml. Exot. Schmett., 2, figs. (1-4) *
 Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).
 Moore, Journ. As. Soc. Beng., vol. lv, pt. 2, p. 98, (1886).

I. M., Tavoy (Moti Ram).

Also recorded from Java.

1002. *LYMANTRIA BASINIGRA*.

Lymantria basinigra, Moore, Proc. Zool. Soc. Lond. 1865, p. 805.
 Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Balasore.

1003. *LYMANTRIA BEATRIX*.

Bombyx beatrix, Stoll., Cram. Suppl. Pap. Exot. v, p. 173, pl. 40, fig. 2,
 (1790).

Lymantria beatrix, Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Lymantria marginata, Walker, Cat. Lep. Het. B. M. iv, p. 877, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig.
 12, (1881).

Batavia, Sylhet.

Collection Swinhoe, Dharmasala.

1004. *LYMANTRIA CARA*.

Lymantria cara, Butler, Ill. Typ. Lep. Het. B. M. v, p. 56, pl. 90, fig. 13,
 (1881).

I. M., Sikkim (purchased), Sibsagar (Peal).

Also recorded from Bhotan and Borneo.

1005. *LYMANTRIA CONCOLOR*.

Lymantria concolor, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).

Butler, Ill. Typ. Lep. Het. B. M. v, p. 55, pl. 90, figs.
 8, 9, (1881).

Sikkim.

1006. *LYMANTRIA COSTALIS*.

Lymantria costalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865).

S. India.

1007. *LYMANTRIA FULIGINOSA*.

Lymantria fuliginosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

Collection Swinhoe, Bombay, Khandalla.

1008. *LYMANTRIA GRANDIS*.

Lymantria grandis, Walker, Cat. Lep. Het. B. M. iv, p. 874, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, figs. 1-2,
(1881).

Moore, Lep. Ceyl., ii, p. 99, (1882).

Lymantria maculosa, Walker, loc. cit., iv, p. 881, (1855).

Lymantria metarkoda, Walker, loc. cit., xxii, p. 365, (1865).

I. M., Darjiling (Barnea), Buxa (Moti Ram).

Collection Swinhoe, Darjiling, Simla.

Also recorded from Ceylon and Australia.

1009. *LYMANTRIA GRISEA*.

Lymantria grisea, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 5,
(1879).

Darjiling.

1010. *LYMANTRIA LUNATA*.

Phalaena lunata, Cramer, Pap. Exot. iv, pl. 369, fig. C, (1781).

Porthetria lunata, Hübner, Verz. Bek. Schmett., p. 160, (1816).

Lymantria lunata, (Part), Walker, Cat. Lep. Het. B. M. iv, p. 879, (1855).

Semper, Verh., Zool. Botan. Ges. Wien. xvii, p. 701,
(1867).

Collection Swinhoe, Simla.

Also recorded from Amboina and Hongkong.

1011. *LYMANTRIA MICANS*.

Lymantria micans, Felder, Reise Novara Lep., pl. 99, fig. 2, (1864-75).

Sylhet.

Allied to *L. superans* and *L. concolor*.

1012. *LYMANTRIA MUNDA*.

Lymantria munda, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859).

Proc. Zool. Soc. Lond. 1867, p. 681.

Imaus mundus, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).

I. M., Darjiling (purchased), Buxa (Moti Ram).

Collection Swinhoe, Sylhet.

Also recorded from Cherrapunji and Java.

1013. *LYMANTRIA OBFUSCATA*.

Lymantria obfuscata, Walker, Cat. Lep. Het. B. M. xxii, p. 367, (1865).

Collection Swinhoe, Kulu, Simla.

1014. *LYMANTRIA OBSOLETA*.

Lymantria obsolata, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 343, (1859).

Lep. Ceyl. ii, p. 100, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1865, p. 300.

Proc. Zool. Soc. Lond. 1896, p. 438

LYMANTRIA OBSOLETA,—continued.

Lymantria lunata, var. B, Walker, loc. cit. 372, (1855).

Lymantria bhascara, Moore, Cat. Lep. Mus. E. I. C. ii, p. 345, (1859).

I. M. Cachar (Wood-Mason).

Collection Swinhoe, Nilgiri Hills, Mhow, Bombay, Poona, Matheran.

Also recorded from Sikkim, Ceylon, and Hongkong.

1015. LYMANTRIA PUSILLA.

Lymantria pusilla, Felder, Reise Novara Lep., pl. 99, fig. 3, (1864-75).

Bengal.

1016. LYMANTRIA RHODINA.

Lymantria rhodina, Walker, Cat. Lep. Het. B. M. xxxii, p. 366, (1865).

India.

1017. LYMANTRIA SIMILIS.

Lymantria similis, Moore, Proc. Zool. Soc. Lond. 1879, p. 402.

Calcutta.

Allied to *L. superans*.

1018. LYMANTRIA SOBRINA.

Lymantria sobrina, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 5.

I. M., Calcutta.

Collection Swinhoe, India.

Also recorded from Dharmasala.

Allied to *L. superans*.

1019. LYMANTRIA SUPERANS.

Lymantria superans, Walker, Cat. Lep. Het. B. M. iv, p. 876, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 55, pl. 90, figs. 10 & 11, (1881).

I. M., Khasi Hills (purchased), Shillong, Kulu (purchased), Almora (purchased), Cherrapunji.

Collection Swinhoe, Simla, Sikkim.

1020. LYMANTRIA TODARA.

Lymantria todara, Moore, Proc. Zool. Soc. Lond. 1879, p. 402, pl. 33, fig. 6.

Nilgiri Hills.

1021. LYMANTRIA VINACEA.

Lymantria vinacea, Moore, Proc. Zool. Soc. Lond.

Kanara.

Genus *Pegella*.

1022. *PEGELLA BIVITTATA*.

Pegella bivittata, Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).
Lymantria lineata, (Part), Walker, Cat. Lep. Het. B. M. iv, p. 875,
 (1855).

Darjiling.

1023. *PEGELLA LINEATA*.

Lymantria lineata, Part, Walker, Cat. Lep. Het. B. M. iv, p. 875, (1855).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Pegella lineata, Butler, Ill. Typ. Lep. Het. v, p. 57, pl. 91, fig. 3, (1881).

I. M., Naga Hills, Dunsiri, N. Khami Hills.

Collection Swinhoe, Buxar.

Also recorded from Sylhet.

Genus *Porthetria*.

1024. *PORTHETRIA BROTEA*.

Phalena brotea, Cramer, Pap. Exot. iv, pl. 322, fig. E, (1780).

Porthetria brotea, Hübn., Verz. Bek. Schmett. p. 180, (1816).

Lymantria brotea, Walker, Cat. Lep. Het. B. M. iv, p. 878, (1855).

Coromandel, Amboina.

1025. *PORTHETRIA LEPCHA*.

Porthetria lepcha, Moore, Descr. Ind. Lep. Atk. i, p. 54, (1879).

Darjiling.

1026. *PORTHETRIA MATHURA*.

Lymantria mathura, Moore, Proc. Zool. Soc. Lond. 1865, p. 605.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1916, (1866).

Porthetria mathura, Moore, Descr. Ind. Lep. Atk. i, p. 55, Note (1879).

Collection Swinhoe, Sylhet.

Also recorded from Darjiling.

1027. *PORTHETRIA UMBRINA*.

Porthetria umbrina, Moore, Descr. Ind. Lep. Atk. i, p. 55, pl. 3, fig. 4,
 (1879).

Darjiling.

Genus *Enome*.

1028. *ENOME AMPLA*.

Enome ampla, Walker, Cat. Lep. Het. B. M. iv, p. 883, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 346, pl. 9a, figs. 4, pl.
 xv, figs. 7, 7a, 8, 8a, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 681.

————— Lep. Ceyl. ii, p. 79, pl. 109, figs. 2, 2a, 2b, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

I. M., Yunnan, Ceylon (Colombo Museum).

Collection Swinhoe, Sikkim, Poona.

1029. *ENOME DETERSEA*.

Lymantria detersea, Walker, Cat. Lep. Het. B. M. xxxii, p. 365, (1865).

Enome detersea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300, pl. 21, figs. 3, 4.

Proc. Zool. Soc., Lond. 1886, p. 438.

Pachenome detersea, Butler, Proc. Zool. Soc. Lond. 1883, p. 156.

Collection Swinhoe, Mhow, Sattara, Belgaum, Poona.

Also recorded from (?) Mauritius.

1030. *ENOME INCERTA*.

Lymantria incerta, Walker, Cat. Lep. Het. B. M. iv, p. 880, (1855).

Pseudomesa incerta, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 402.

Enome incerta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 300.

Proc. Zool. Soc. Lond. 1886, p. 438.

Collection Swinhoe, Sattara, Mhow.

Genus *Pseudomesa*.1031. *PSEUDOMESA QUADRIPLAGIATA*.

Pseudomesa quadriplagiata, Walker, Cat. Lep. Het. B. M. iv, p. 923, (1855).

Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 8, (1881).

Sylhet.

I. M., Buxa (Moti Ram).

Genus *Aroa*.1032. *AROA CLARA*.

Aroa clara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, figs. 9, 10.

Collection, Swinhoe, Bombay.

Allied to *A. pyrrhochroma*.

1033. *AROA PYRRHOCHROMA*.

Aroa pyrrhochroma, Walker, Cat. Lep. Het. B. M. xxxii, p. 329, (1865).

I. M., Buxar (Moti Ram), Sibsagar (Peal), Sikkim (purchased).

Collection Swinhoe, Sikkim, Buxa, Mandi.

Also recorded from Cherrapunji.

1034. *AROA SAGRARA*.

Aroa sagrara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 299, pl. 20, fig. 13.

Belgaum.

Genus *Olene*.1035. *OLENE BASIVITTA*.

Eula basivitta, Walker, Cat. Lep. Het. B. M. xxxii, p. 426, (1865).

Olene basivitta, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 2, (1882).

Ceylon.

1036. *OLENE FUSIFORMIS*.

- Nioda fusiformis*, Walker, Cat. Lep. Het. B. M. v, p. 1070, (1855).
 ———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 401, pl. 15,
 figs. 5—5f.
Olene fusiformis, Moore, Lep. Ceyl. ii, p. 97, pl. 115, fig. 3, (1882).
 ———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 297, pl. 20, fig. 8.
 ———— *loc. cit.* 1886, p. 438.
 Collection Swinhoe, Simla, Cawnpore, Mhow, Karachi, Poona,
 Bombay.
 Also recorded from Ceylon.

1037. *OLENE MENDOSA*.

- Olene mendosa*, Hübn., Zutr. Exot. Schmett, figs. 293-294, (1823).
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, pl. 15, figs. 3,
 3a, (1859).
 ———— Felder, Reise Novara, pl. 99, fig. 6, (1864-75).
 ———— Moore, Lep. Ceyl. ii, p. 98, pl. 115, figs. 4, 4a, 4b, (1882).
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297.
Rilia lanceolata, Walker, Cat. Lep. Het. B. M. v, 1075, (1855).
Olene lanceolata, Butler, Ill. Typ. Lep. Het. vi, p. 1, pl. 106, fig. 6, (1886).
 Collection Swinhoe, Poona.
 Also recorded from Sylhet, Kanara, Ceylon, and Java.

1038. *OLENE OLEARIA*.

- Olene olearia*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 297, pl. 20, figs.
 14-15.
 Collection Swinhoe, Poona.

Genus *Antipha*.1039. *ANTIPHA ANTICA*.

- Lacida antica*, Walker, Cat. Lep. Het. B. M. iv, p. 802, (1855).
Anaxila notata, Walker, *loc. cit.*, p. 919, (1855).
Antipha antica, Moore, Lep. Ceyl. ii, p. 80, pl. 110, fig. 3, (1882).
 Ceylon.

1040. *ANTIPHA BASALIS*.

- Antipha basalis*, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).
 E. Indies.

1041. *ANTIPHA COSTALIS*.

- Antipha costalis*, Walker, Cat. Lep. Het. B. M. iv, p. 806, (1855).
 ———— Moore, Lep. Ceyl. ii, p. 81, pl. 110, figs. 2, 2a, 2b, (1882).
Lacida complens, Walker, *loc. cit.*, xxxii, p. 836, (1855).
Rilia illepidia, Walker, *loc. cit.*, p. 436, (1855).
 Ceylon.

1042. ANTIPHA PROMITTENS.

Laocida promittens, Walker, Cat. Lep. Het. B. M. xxii, p. 337, (1865).

Antipha promittens, Moore, Lep. Ceyl. ii, p. 81, (1882).

Ceylon.

1043. ANTIPHA STRIGULIFERA.

Laocida strigulifera, Walker, Cat. Lep. Het. B. M. xxii, p. 336, (1865).

Antipha strigulifera, Moore, Lep. Ceyl. ii, p. 81, (1882).

Ceylon.

Genus *Cnethocampa*.

1044. CNETHOCAMPA BASIFURCA.

Cnethocampa basifurca, Walker, Cat. Lep. Het. B. M. xxii, p. 430, (1865).

S. India.

1045. CNETHOCAMPA CHEELA.

Thaumatopea cheela, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, figs. 3, 3a.

Collection Swinhoe, Simla.

Also recorded from Umballa.

1046. CNETHOCAMPA CURVATA.

Cnethocampa curvata, Walker, Cat. Lep. Het. B. M. xxii, p. 429, (1865).

India.

Genus *Nagunda*.

1047. NAGUNDA SEMICINCTA.

Alope semicincta, Walker, Cat. Lep. Het. B. M. iii, p. 620, (1855).

Nagunda semicincta, Butler, Ill. Typ. Lep. Het. v, p. 54, pl. 90, fig. 7, (1881).

I. M. Sikkim (purchased).

Collection Swinhoe; Simla.

Genus *Redoa*.

1048. REDOA CLARA.

Redoa clara, Walker, Cat. Lep. Het. B. M. xxii, p. 343, (1865).

Collection, Swinhoe, Sikkim.

1049. REDOA CYGNA.

Redoa cygna, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.

N.-E. Bengal.

1050. *REDOA CYMBICORNIS*.

Redoa cymbicornis, Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 2,
(1881).
Darjiling.

1051. *REDOA DIAPHANA*.

Redoa diaphana, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879).
Darjiling.
Allied to *R. lactea*.

1052. *REDOA FLAVESCENS*.

Redoa flavescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.
S. Andaman Is.

1053. *REDOA LACTEA*.

Redoa lactea, Moore, Descr. Ind. Lep. Atk. i, p. 46, (1879).
Collection Swinhoe, Darjiling.

1054. *REDOA SERICEA*.

Redoa sericea, Moore, Proc. Zool. Soc. Lond. 1877, p. 600.
Andaman Is.

1055. *REDOA SUBMARGINATA*.

Redoa submarginata, Walker, Cat. Lep. Het. B. M. iv, p. 826, (1855).
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 336, pl. 14, figs.
11, 11a, (1859).
————— Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 3,
(1881).
————— Moore, Lep. Ceyl. ii, p. 92, pl. 113, fig. 4, (1882).
————— Journ. As. Soc. Beng. lui, pt. 2, p. 235,
(1884).

I. M., Buxa (Moti Ram), Sikkim (purchased), Cachar
(Wood-Mason), Sibsagar (Peal).
Collection Swinhoe, Ceylon.
Also recorded from Sylhet and Java.

Genus *Himala*.1056. *HIMALA ARGENTEA*.

Redoa argentea, Walker, Cat. Lep. Het. B. M. iv, p. 827, (1855).
Dasychira ulita, Moore, Cat. Lep. Mus. E. I. C. ii, p. 341, (1859).
————— Walker, loc. cit., xxxii, p. 359, (1864).
Himala argentea, Butler, Ill. Typ. Lep. Het. v, p. 49, pl. 89, fig. 6, (1881).
————— Moore, Descr. Ind. Lep. Atk. i, p. 57, (1879).

Collection Swinhoe; Simla.
Also recorded from Assam, Darjiling, Dehra Dhun.

Genus *Mahoba*.1057. *MAHOBIA IRROBATA*.

Mahoba irrobata, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).

Darjiling.

1058. *MAHOBIA FLAGIDOTATA*.

Cyclidia plagidotata, Walker, Cat. Lep. Het. B. M. xxv, p. 1483, (1862).

Mahoba plagidotata (sic), Moore, Descr. Ind. Lep. Atk. i, p. 62, pl. 3, fig. 6 (1879).

Darjiling.

Genus *Somera*.1059. *SOMERIA VIRIDIFUSCA*.

Somera viridifusca, Walker, Cat. Lep. Het. B. M. iv, p. 883, (1855).

Butler, Ill. Typ. Lep. Het. vi, p. 20, pl. 104, fig. 7, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

Genus *Thiacidas*.1060. *THIACIDAS POSTICA*.

Thiacidas postica, Walker, Cat. Lep. Het. B. M. v, p. 1028, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, (1859).

Thiacidas (sic) *postica*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 615.

loc. cit., 1885, p. 302, pl. 21, figs. 1, 1a, 2.

Collection Swinhoe, Karachi, Bombay.

Also recorded from Nepal, Kanara.

Genus *Odagra*.1061. *ODAGRA DEVESTITA*.

Odagra devestita, Walker, Cat. Lep. Het. B. M. xxxii, p. 402, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 680.

Darjiling.

Genus *Baryasa*.1062. *BARYASA CERVINA*.

Baryasa cervina, Moore, Descr. Ind. Lep. Atk. i, p. 45, pl. 3, fig. 1, (1879).

Darjiling.

Genus *Heracula*.1063. *HERACULA DISCIVITTA*.

Heracula discivitta, Moore, Proc. Zool. Soc. Lond. 1865, p. 304, pl. 43, fig. 2.

Walker, Cat. Lep. Het. B. M. xxv, p. 1513, (1866).

Darjiling.

Genus *Caviria*.1064. *CAVIRIA* CYGNA.

Caviria cygna, Moore, Proc. Zool. Soc. Lond. 1877, p. 601.
S. Andaman Is.

Genus *Locharna*.1065. *LOCHARNA* STRIGIPENNIS.

Locharna strigipennis, Moore, Deser. Ind. Lep. Atk. i, p. 53, pl. 3, fig. 11,
(1879).
Khasi Hills.

Genus *Penora*.1066. *PENORA* SILHETICA.

Penora silhetica, Walker, Cat. Lep. Het. B. M. xxxii, p. 341, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 680.
Sylhet.

1067. *PENORA* VENOSA.

Penora venosa, Walker, Cat. Lep. Het. B. M. iv, p. 822, (1855).
Butler, Ill. Typ. Lep. Het. v, p. 48, pl. 89, fig. 1, (1881).
N. India.

Genus *Procodeca*.1068. *PROCODECA* ANGULIFERA.

Procodeca (sic) *angulifera*, Walker iv, p. 919, (1855).
I. M., Mergui (Anderson).

1069. *PROCODECA* TESTACEA.

Procodeca testacea, Moore, Proc. Zool. Soc. Lond. 1872, p. 574.
Bengal.

Genus *Echlida*.1070. *ECHLIDA* SUBJECTA.

Echlida subjecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 387, (1865).
S. India.

Genus *Basia*.1071. *BASIA* DETECTA.

Basia detecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 399, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 690.
Calcutta.

Genus *Stilpnotia*.1072. *STILPNOTIA* *OCHRIPES*.

Stilpnotia ochripes, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879).
Darjiling.

1073. *STILPNOTIA* *SERICEA*.

Stilpnotia sericea, Moore, Descr. Ind. Lep. Atk. i, p. 45, (1879).
Charala sericea, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.
Mussooree, Darjiling.

1074. *STILPNOTIA* *SORDIDA*.

Stilpnotia sordida, Walker, Cat. Lep. Het. B. M. vii, p. 1732, (1856).
Sylhet.

Genus *Repens*.1075. *REPENS* *CERVINA*.

Repens cervina, Walker, Cat. Lep. Het. B. M. iv, p. 800, (1855).
E. Indies.

Genus *Patana*.1076. *PATANA* *DISPAR*.

Patana dispar, Walker, Cat. Lep. Het. B. M. iv, p. 820, (1855).
Moore, Proc. Zool. Soc. Lond. 1867, p. 679.
E. Indies, Calcutta.

Genus *Harapa*.1077. *HARAPA* *TESTACEA*.

Harapa testacea, Moore, Descr. Ind. Lep. Atk. i, p. 47, pl. 2, fig. 15,
(1879).
Darjiling.

Genus *Caragola*.1078. *CARAGOLA* *COSTALIS*.

Caragola costalis, Moore, Descr. Ind. Lep. Atk. i, p. 46, pl. 2, fig. 21,
(1879).
Darjiling.

Genus *Cadrusia*.1079. *CADRUSIA* *VIRESCENS*.

Cadrusia virescens, Moore, Descr. Ind. Lep. Atk. i, p. 54, pl. 3, fig. 16,
(1879).
I. M., Shillong.
Also recorded from Darjiling.

Genus *Trichia*.1080. *TRICHIA EXIGUA*.

Trichia exigua, Nietner, Enemies of Coffee, Ceylon, p. 20, (1861).
 ——— Moore, Lep. Ceyl. ii, p. 100, (1882).

Ceylon.

Genus *Trisuloides*.1081. *TRISULOIDES CATOCALINA*.

Trisuloides catocalina, Moore, Proc. Zool. Soc. Lond. 1883, p. 17.
 Darjiling.

1082. *TRISULOIDES SERICEA*.

Trisuloides sericea, Butler, Ann. Nat. Hist. (5), vii, p. 36, (1861).
 Shillong, Darjiling.

Genus *Barhona*.1083. *BARHONA CARNEOLA*.

Barhona carneola, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879).
 Collection Swinhoe, Darjiling.

Genus *Dura*.1084. *DURA ALBA*.

Dura alba, Moore, Descr. Ind. Lep. Atk. i, p. 56, (1879).
 Darjiling.

Genus *Caltura*.1085. *CALTURA ALBA*.

Caltura alba, Moore, Proc. Zool. Soc. Lond. 1879, p. 401.
 ——— Lep. Ceyl. ii, p. 98, pl. 114, figs. 2, 2a, 2b, (1882).
 Collection Swinhoe, Ceylon.

Genus *Daplasa*.1086. *DAPLASA IRBORATA*.

Daplasa irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 52, pl. 2, fig. 17,
 (1879).
 Darjiling.

Genus *Bembina*.1087. *BEMBINA APICALIS*.

Bembina apicalis, Walker, Cat. Lep. Het. B. M. xxii, p. 505, (1865).
 ——— Moore, Lep. Ceyl. ii, p. 88, pl. 111, fig. 5, (1882).

Ceylon.

Genus *Kanchia*.1088. *KANCHIA SUBVITREA*.

Leucoma subvitrea, Walker, Cat. Lep. Het. B. M. xxxii, p. 344, (1865).

Kanchia subvitrea, Moore, Lep. Ceyl. ii, p. 93, pl. 113, fig. 5, (1882).

Collection Swinhoe, Ceylon.

Also recorded from India.

Genus *Amsacta*.1089. *AMSACTA TENEBROSA*.

Amsacta tenebrosa, Walker, Cat. Lep. Het. B. M. vii, p. 1725, (1856); and
xxxii, p. 338, (1865).

N. India, Ceylon.

Genus *Psalis*.1090. *PSALIS SECURIS*.

Psalis securis, Hübner, Zuträge, Samml. Exot. Schmett. iii, 9, 146, figs.
291-92, (1823).*

———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 338, pl. 14, figs. 12,
12a, (1859).

———— Lep. Ceyl. ii, p. 95, pl. 115, figs. 1, 1a, (1882).

———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.

———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

Aretha antica, Walker, Cat. Lep. Het. B. M. iv, p. 805, (1855).

Drepana securis, Walker, loc. cit. vii, p. 1762, (1856).

Eigema falcata, Walker, loc. cit. xxxii, p. 437, (1865).

Antigra approximata, Walker, loc. cit., p. 440 (1865).

I. M., Kulu (purchased).

Collection Swinhoe; Ceylon, Mhow, Bisanagar, Guzerat.

Also recorded from Java.

FAMILY BOMBYCIDÆ.

Genus *Trilochea*.1091. *TRILOCHEA ALBICOLLIS*.

Naprepa albicollis, Walker, Journ. Linn. Soc. Lond. vi, p. 171, (1862).

———— Cat. Lep. Het. B. M. xxxii, p. 488, (1865).

Trilochea albicollis, Forsayeth, Trans. Ent. Soc. Lond. (1884), p. 408, pl. 15,
figs. 10, 10a.

Mhow, Borneo.

1092. *TRILOCHA CERVINA*.

Naprepa cervina, Walker, Cat. Lep. Het. B. M. xxi, p. 489, (1865).
India.

1093. *TRILOCHA VARIANS*.

Naprepa varians, Walker, Cat. Lep. Het. v, p. 1153, (1855).
Trilocha varians, Moore, Cat. Lep. Mus. E. I. C. ii, p. 382, pl. 11a, fig. 6, (1859).
————— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 331, pl. 19, figs. 1-2, (1864-66).
————— Moore, Wardle's Wild Silks of India, p. 4, (1881).
————— Lep. Ceyl. ii, p. 136, pl. 133, figs. 1, 1a, 1b, (1882).
————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302.
————— Proc. Zool. Soc. Lond. 1886, p. 440.
Collection Swinhoe, Mhow, Satara, Poona, Bombay.
Also recorded from Ceylon, Hongkong.

Genus *Bombyx*.1094. *BOMBYX ARRACANENSIS*.

Bombyx arracanus, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 313, (1864-66).
————— Moore, Wardle's Wild Silks of India, p. 3, (1881).
Arracan.

1095. *BOMBYX CRÆSI*.

Bombyx cræsi, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 312, (1864-66).
————— Moore, Wardle's Wild Silks of India, 1881, p. 3.
————— Proc. Zool. Soc. Lond. 1867, p. 683.

Bengal.

Known as "Nistry," "Madrassee," "Small Pat," and
"Monthly Silkworm."

1096. *BOMBYX FORTUNATUS*.

Bombyx fortunatus, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 312, pl. 19, fig. 3, (1864-66).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
————— Wardle, Wild Silks of India, p. 3, (1881).

Bengal.

Known as the "Dassi Silkworm."

1097. *BOMBYX LUGUBRIS*.

Noctua lugubris, Drury, Exot. Ins. iii, p. 38, pl. 21, fig. 5, (1782).
Bombyx lugubris, ——— Ed. Westw., pl. 21, fig. 5, (1837).
Bombyx penthica, Hübn. Verz. Bek. Schmett., p. 121, (1816).
Madras.

1098. BOMBYX MORI.

- Phalena mori*, Linn., Syst. Nat. ii, p. 617, 33, (1767).
Bombyx mori, Fabr., Sp. Ins. ii, p. 180, 57, (1781).
 ——— Hübner, Verz. Bek. Schmett., p. 191, (1816).
 ——— Walker, Cat. Lep. Het. B. M. vi, p. 1505, (1855).
 ——— Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 303, pl. 19, figs. 7-8, (1864-66).
 ——— Moore, Wardle's Wild Silks of India, p. 3, (1881).
 N. China, Cashmere, Persia, Syria, Europe.
 Known as the "Annual" or "Cashmere Worm."

1099. BOMBYX SINENSIS.

- Bombyx sinensis*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 313, (1864-66).
 ——— Moore, Wardle's Wild Silks of India, p. 3, (1881).
 China, Bengal.
 Known as the "Sina" or "Cheena Monthly Worm."

1100. BOMBYX TEXTOR.

- Bombyx textor*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 309, (1864-66).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
 ——— Wardle's Wild Silks of India, p. 3, (1881).
 Bengal, China.
 Known as "Boropooloo," or "Pat Major."

Genus *Theophila*.

1101. THEOPHILA AFFINIS.

- Bombyx affinis*, Hutton, Geoghegan's "Silk in India," Appendix A, p. 3, (1871).
 ——— Journ. Agri.-Hort. Soc. India, N. S. iii, p. 131, (1872).

1102. THEOPHILA BENGALENSIS.

- Bombyx bengalensis*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 322, pl. 19, fig. 5, (1864-66).
Theophila bengalensis, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
 ——— Wardle's Wild Silks of India, p. 4, (1881).
 Bengal.

1103. THEOPHILA HUTTONI.

- Bombyx huttoni*, Westw., Cat. Or. Ent. p. 26, pl. 12, fig. 4, (1848).
 ——— Walker, Cat. Lep. Het. B. M. vi, p. 1506, (1848).
 ——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 379, (1859).
 ——— Hutton, Trans. Ent. Soc. Lond. 3, ii, p. 318, pl. 19, fig. 4, (1864-66).
Theophila huttoni, Moore, Wardle's, Wild Silks of India, p. 4, (1881).
 I. M. No locality (Hutton?), Sikkim (purchased).
 Collection Swinhoe, Simla.
 Also recorded from Mussooree.

1104. THEOPHILA RELIGIOSA.

- Bombyx religiosa*, Helfer, Jour. As. Soc. Beng. vi, 41, 3, pl. 6, (1837).
 _____ Walker, Cat. Lep. Het. B. M. vi, p. 1506, (1856).
 _____ Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 325.
 _____ Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
Theophila religiosa, Moore, Wardle's Wild Silks of India, p. 4, (1881).
 E. Indies.

1105. THEOPHILA SHEERWILLI.

- Bombyx sherwilli*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 324, (1864-66).
Theophila sherwilli, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
 _____ Wardle's Wild Silks of India, p. 4, (1881).
 India.

Genus *Hanisa*.

1106. HANISA SUBNOTATA.

- Bombyx subnotata*, Walker, Journ. Linn. Soc. Lond. iii, p. 188, (1859).
 _____ Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 324 (1864-66).
Hanisa subnotata, Moore, Proc. Zool. Soc. Lond. 1879, p. 406.
 India, Singapore.

Genus *Primosticta*.

1107. PRIMOSTICTA FENESTRATA.

- Primosticta fenestrata*, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).
 _____ Ill. Typ. Lep. Het. B. M. vi, p. 20, pl.
 106, fig. 5, (1886).
 Darjiling.

Genus *Ocinara*.

1108. OCINARA COMMA.

- Ocinara comma*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 330, (1864-66).
 I. M., Dehra Dhun (Hutton?).

1109. OCINARA DIAPHANA.

- Ocinara diaphana*, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879).
 _____ Wardle's Wild Silks of India, p. 4, (1881).
 Khasi Hills.

1110. OCINARA LACTEA.

- Ocinara lactea*, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 328, pl. 19, fig.
 6, (1864-66).
 _____ Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
 _____ Wardle's Wild Silks of India, p. 3, (1881).
 I. M. No locality (Hutton?), Kulu (purchased).
 Collection Swinhoe, Simla.

1111. *OCINARA MOOREI*.

Ocinara moorei, Hutton, Trans. Ent. Soc. Lond. (3) ii, p. 326, (1864-66).
 ———— Moore, Wardle's Wild Silks of India, p. 4, (1881).
 India.

Genus *Aristhala*.1112. *ARISTHALA SIKKIMA*.

Aristhala sikkima, Moore, Proc. Zool. Soc. Lond. 1879, p. 406, pl. 33, fig. 3.
 Darjiling.

1113. *ARISTHALA THWAITESII*.

Aristhala thwaitesii, Moore, Lep. Ceyl. ii, p. 136, pl. 133, fig. 2, (1882).
 Ceylon.

FAMILY NOTODONTIDÆ.

SUB-FAMILY CAREINÆ.

Genus *Sybrida*.1114. *SYBRIDA INORDINATA*.

Sybrida inordinata, Walker, Cat. Lep. Het. B. M. xxxii, p. 466, (1865).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
 ———— Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 8,
 (1886).
 Darjiling.

Genus *Torona*.1115. *TORONA FERRIFERA*.

Torona ferrifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 468, (1865).
 India.

Genus *Arunda*.1116. *ARUNDA OPPONENS*.

Arunda opponens, Walker, Cat. Lep. Het. B. M. xxxii, p. 467, (1865).
 S. India.

Genus *Dabarita*.1117. *DABARITA ICTERICA*.

Dabarita ictérica, Swinhoe, Proc. Zool. Soc. Lond. 1866, p. 439, pl. 40, fig. 8.
 Collection Swinhoe, Mhow.

1118. *DABARITA SUBTILIS*.*Dabarita subtilis*, Walker, Cat. Lep. Het. B. M. x, p. 479, (1856).

————— Moore, Lep. Ceyl. ii, p. 117, pl. 123, figs. 3, 3a, (1882).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 408, pl. 14, figs. 4-4b.

————— Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, figs. 6, 7, (1886).

I. M., Calcutta (deNiceville), Andaman Is. (purchased).

Collection Swinhoe, Sikkim.

Also recorded from N. India, Ceylon, and Java.

Genus *Brada*.1119. *BRADA TRUNCATA*.*Brada truncata*, Walker, Cat. Lep. Het. B. M. xv, p. 1666, (1858).

————— Moore, Lep. Ceyl. ii, p. 118, pl. 122, figs. 2, 2a, 2b, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay, Poona, Khandalla.

Also recorded from Ceylon.

Genus *Carea*.1120. *CAREA OBSOLESCENS*.*Carea obsolescens*, Trans. Ent. Soc. Lond. 1884, p. 356.

Bombay, Coonoor.

1121. *CAREA VARIPES*.*Carca varipes*, Walker, Cat. Lep. Het. B. M. x, p. 475, (1856).

————— Moore, Lep. Ceyl. ii, p. 116, pl. 123, figs. 1, 1a, (1882).

Chora curvifera, Walker, Journ. Linn. Soc. Lond. vi, p. 188, (1862).*Dabarita rhodophila*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 718, (1865).

I. M., Sibsagar (Peal).

Also recorded from Ceylon, Malacca, Sarawak and Java.

Genus *Elydna*.1122. *ELYDNA TRANSVERSA*.*Elydna transversa*, Walker, Cat. Lep. Het. B. M. xv, p. 1713, (1858).

India.

SUB-FAMILY DICRANURINÆ.

Genus *Cerura*.1123. *CERURA DAMODARA*.*Cerura damodara*, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

N.-E. Bengal.

1124. *CERURA HIMALAYANA*.*Cerura himalayana*, Moore, MS.

Collection Swinhoe, Himalayas.

1125. CERURA PRASANA.

Cerura prasana, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.
N.-E. Bengal.

Genus *Harpyia*.

1126. HARPYIA KANDYIA.

Harpyia kandyia, Moore, Lep. Cerl. ii, p. 108, pl. 120, figs. 1, 1a, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

1127. HARPYIA LITURATA.

Cerura liturata, Walker, Cat. Lep. Het. B. M. v, p. 988, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, (1859).

Dicranura argentea, Felder, Reise Novara, pl. 96, fig. 6, (1864-75).

Harpyia liturata, Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 7,
(1886).

I. M., Sikkim (purchased), Sibsagar (Peal), Akra (Cleghorn),
Goalpara.

Collection Swinhoe, Sylhet, Sibsagar.

Also recorded from Madras.

Genus *Stauropus*.

1128. STAUROPUS ALBESCENS.

Stauropus albescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

Collection Swinhoe, Bombay.

Also recorded from South India.

1129. STAUROPUS ALTERNUS.

Stauropus alternus, Walker, Cat. Lep. Het. B. M. v, p. 1020, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 371, pl. 18, figs.
4, 4a, (1859).

Lep. Ceyl. ii, p. 109, pl. 119, figs. 1, 1a,
1b, (1882).

Collection Swinhoe, Simla.

Also recorded from Sylhet, Kanara, Ceylon, and Java.

1130. STAUROPUS APICALIS.

Stauropus apicalis, Moore, Descr. Ind. Lep. Atk. i, p. 59, (1879).

Darjiling.

1131. STAUROPUS INDICUS.

Stauropus indicus, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

N.-E. Bengal.

1132. *STAUIOPUS SIKKIMENSIS*.

Stauiopus sikkimensis, Moore, Proc. Zool. Soc. Lond. 1865, i, p. 811, pl. 43, fig. 5.

Darjiling.

1133. *STAUIOPUS VINACEUS*.

Stauiopus vinaceus, Moore, Proc. Zool. Soc. Lond. 1879, p. 404, pl. 33, fig. 1.

India.

1134. *STAUIOPUS VIRESCENS*.

Stauiopus virescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 404.

Darjiling.

SUB-FAMILY NOTODONTINÆ.

Genus *Anticyra*.1135. *ANTICYRA COMBUSTA*.

Anticyra combusta, Walker, Cat. Lep. Het. B. M. v, p. 1092, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 432, pl. 13a, fig. 5, and pl. 23, figs. 3, 3a, (1859).

Dinara lineolata, Walker, loc. cit., vii, p. 1700, (1856).

Collection Swinhoe, Java, Karachi, Poona.

Also recorded from the Philippine Is.

Genus *Antheua*.1136. *ANTHEUA DISCALIS*.

Antheua discalis, Walker, Cat. Lep. Het. B. M. iii, p. 767, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 431, pl. 13a, fig. 4, and pl. 23, figs. 2, 2a, (1859).

Butler, Ill. Typ. Lep. Het. vi, p. 12, pl. 104, figs. 2-3, (1886).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.

I. M., Sibsagar (Peal), Kulu (purchased), Cherra.

Collection Swinhoe, Simla, Nilgiri Hills, Mhow, Bombay, Ceylon.

Also recorded from Moulmen, Burma, and Java.

1137. *ANTHEUA EXANTHEMATA*.

Antheua exanthemata, Moore, Lep. Ceyl. ii, p. 111, pl. 119, fig. 2, (not pl. 104,) (1882).

Ceylon.

Genus *Chadisra*.1138. *CHADISRA BIPARS*.

Chadisra bipars, Walker, Trans. Ent. Soc. Lond. (3), i, p. 82, (1862-64).

Cat. Lep. Het. B. M. xxxii, p. 441, (1865).

India.

Genus **Sphetta**.1139. **SPHETTA APICALIS**.

Sphetta apicalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 457, (1865).
Moore, Lep. Ceyl. ii, p. 114, pl. 121, figs. 2, 2a, (1882).
 Ceylon.

1140. **SPHETTA BIOCELLATA**.

Sphetta biocellata, Moore, Proc. Zool. Soc. Lond. 1879, p. 405.
 Bombay.

1141. **SPHETTA MOOREI**.

Sphetta apicalis, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1879, p. 405, pl. 33, fig. 7.
 Darjiling.

Genus **Besaia**.1142. **BESAIA RUBIGINEA**.

Besaia rubiginea, Walker, Cat. Lep. Het. B. M. xxxii, p. 459, (1865).
Butler, Ill. Typ. Lep. Het. vi, p. 22, pl. 104, fig. 10, (1886).
 India.

Genus **Ceira**.1143. **CEIRA BASISTRIGA**.

Ceira basistriga, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).
 Darjiling.

1144. **CEIRA DECURRENS**.

Ceira decurrens, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).
 Cherrapunji.

1145. **CEIRA JUNCTURA**.

Ceira junctura, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).
 Darjiling.

1146. **CEIRA METAPHÆA**.

Ceira metaphæa, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).
Moore, Lep. Ceyl. ii, p. 112, pl. 119, fig. 3, (1882).
 Ceylon.

1147. **CEIRA OCHREACEA**.

Ceira ochracea, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).
 Darjiling.

1148. **CEIRA POSTICA**.

Ceira postica, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).
 Darjiling.

Genus **Niganda**.1149. **NIGANDA ALBISTRIGA.**

Niganda albistriga, Moore, Descr. Ind. Lep. Atk. i. p. 64, (1879).
Darjiling.

1150. **NIGANDA AURATA.**

Niganda aurata, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879).
Collection Swinhoe, Darjiling.
Also recorded from Khasi Hills.

1151. **NIGANDA DIVISA.**

Niganda divisa, Moore, Descr. Ind. Lep. Atk. i, p. 65, (1879).
Darjiling.

1152. **NIGANDA SIKKIMA.**

Niganda sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 64, (1879).
Darjiling.

1153. **NIGANDA STRIGIFASCIA.**

Niganda strigifascia, Moore, Descr. Ind. Lep. Atk. i, p. 63, pl. 3, fig. 15,
(1879).
Darjiling.

Genus **Celeia**.1154. **CELEIA AURITRACTA.**

Celeia auritracta, Moore, Proc. Zool. Soc. Lond. 1865, p. 811.
N.-E. Bengl.

1155. **CELEIA DISRUPTA.**

Celeia disrupta, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).
Darjiling.

1156. **CELEIA PLUSIATA.**

Celeia plusiata, Walker, Cat. Lep. Het. B. M. xxxii, p. 463, (1865).
Kanara.

1157. **CELEIA SIKKIMA.**

Celeia sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 63, (1879).
Darjiling.

Genus **Paravetta**.1158. **PARAVETTA DISCINOTA.**

Paravetta discinota, Moore, Proc. Zool. Soc. Lond. 1865 p. 814, pl 43.
fig. 3.
Darjiling.

1159. *PARAVETTA SIKKIMA*.

Paravetta sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).
Darjiling.

Genus *Anodonta*.

1160. *ANODONTA PULCHERRIMA*.

Anodonta pulcherrima, Moore, Proc. Zool. Soc. Lond. 1865, p. 814, pl. 43,
fig. 4.
N.-E. Bengal.

Genus *Lophopteryx*.

1161. *LOPHOPTERYX ARGENTATA*.

Lophopteryx argentata, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).*
Darjiling.

1162. *LOPHOPTERYX FERRUGINOSA*.

Lophopteryx ferruginosa, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
Waterhouse, Aid., ii, pl. 132, fig. 4, (1883).*
Darjiling.

1163. *LOPHOPTERYX FLAVISTIGMA*.

Lophopteryx flavistigma, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
Darjiling.

1164. *LOPHOPTERYX SATURATA*.

Lophopteryx saturata, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865),
and xxxv, p. 1929, (1866).
Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 1,
(1886).
I. M., Darjiling.

Genus *Drymonia*.

1165. *DRYMONIA DENOTATA*.

Drymonia denotata, Walker, Cat. Lep. Het. B. M. xxxii, p. 414, (1865).
N. India.

Genus *Cetola*.

1166. *CETOILA DENTATA*.

Cetola dentata, Walker, Cat. Lep. Het. B. M. v, p. 1016, (1855).
Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 48.
Collection Swinhoe, Mhow.
Also recorded from Nepal.

Genus **Heterocampa**.1167. **HETEROCAMPA ARGENTIFERA.**

Heterocampa argentifera, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1930, (1866).

Collection Swinhoe, Darjiling.

1168. **HETEROCAMPA BASALIS.**

Heterocampa basalis, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).
Darjiling.

1169. **HETEROCAMPA BRUNNEA.**

Heterocampa brunnea, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).
Darjiling.

1170. **HETEROCAMPA IRRORATA.**

Heterocampa irrorata, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).
Darjiling.

1171. **HETEROCAMPA MACULATA.**

Heterocampa maculata, Moore, Descr. Ind. Lep. Atk. i, p. 60, (1879).
Waterhouse, Aid. 1., pl. 132, fig. 6, (1883).*

Collection Swinhoe, Darjiling.

1172. **HETEROCAMPA OBLIQUIPLAGA.**

Heterocampa obliquiplaga, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).
Darjiling.

1173. **HETEROCAMPA PLAGIVIRIDIS.**

Heterocampa plagiviridis, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).
Darjiling.

1174. **HETEROCAMPA SIKKIMA.**

Heterocampa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.
Walker, Cat. Lep. Het. B. M. xxxv, p. 930, (1865).

Darjiling.

1175. **HETEROCAMPA VARIEGATA.**

Heterocampa variegata, Moore, Descr. Ind. Lep. Atk. i, p. 61, (1879).
Darjiling.

Genus **Cleapa**.1176. **CLEAPA LATIFASCIA.**

Cleapa latifascia, Walker, Cat. Lep. Het. B. M. v, p. 1037, (1855).
E. Indies.

Genus **Gluphisia**.1177. **GLUPHISIA INDICA.**

Gluphisia indica, Walker, Cat. Lep. Het. B. M. v, p. 1039, (1855).
Butler, Proc. Zool. Soc. Lond. 1883, p. 157.
Collection Swinhoe, Simla, Dharmasala.

1178. **GLUPHISIA SINUATA.**

Gluphisia sinuata, Moore, Proc. Zool. Soc. Lond., 1879, p. 405.
N.-E. Bengal.

Genus **Damata**.1179. **DAMATA LONGIPENNIS.**

Damata longipennis, Walker, Cat. Lep. Het. B. M. v, p. 1044, (1855).
Butler, Ill. Typ. Lep. Het. B. M. vi, p. 24, pl. 106,
fig. 10, (1886).

I. M., Darjiling.
Collection Swinhoe, Sikkim.

Genus **Nerice**.1180. **NERICE PALLIDA.**

Nerice pallida, Walker, Cat. Lep. Het. B. M. v, p. 1077, (1855).
Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
Nepal.

Genus **Apela**.1181. **APELA DIVISA.**

Apela divisa, Walker, Cat. Lep. Het. B. M. v, p. 1093, (1855).
Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
Nepal.

Genus **Pydna**.1182. **PYDNA FASCIATA.**

Pydna fasciata, Moore, Descr. Ind. Lep. Atk. i, p. 66, (1879).
Darjiling.
Allied to *P. testacea*.

1183. **PYDNA INDICA.**

Pydna indica, Moore, Descr. Ind. Lep. Atk. i, p. 67, (1879).
Calcutta.

1184. PYDNA TESTACEA.

Pydna testacea, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856).
India.

Genus **Bireta**.

1185. BIRETA GALBANA.

Bireta galbana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.
Collection Swinhoe, Mhow.

1186. BIRETA LONGIVITTA.

Bireta longivitta, Walker, Cat. Lep. Het. B. M. vii, p. 1754, (1856).
Collection Swinhoe, Simla, Sikkim.

1187. BIRETA XANTHOPHILA.

Menapia xanthophila, Walker, Cat. Lep. Het. B. M. xxxii, p. 462, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 682.
Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104,
fig. 1, (1886).

N. India.

I. M., specimens with no history.

Genus **Dudusa**.

1188. DUDUSA SPHINGIFORMIS.

Dudusa sphingiformis, Moore, Proc. Zool. Soc. Lond. 1872, p. 577, pl. 34,
fig. 1.
I. M., Sikkim (purchased).

Genus **Nadata**.

1189. NADATA NIVEICEPS.

Trabala niveiceps, Walker, Cat. Lep. Het. B. M. xxxii, p. 554, (1865).
Nadata niveiceps, Butler, Ill. Typ. Lep. Het. vi, p. 21, pl. 104, fig. 8,
(1886).
N. India.

Genus **Notodonta**.

1190. NOTODONTA BASALIS.

Notodonta basalis, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.
Darjiling.

1191. NOTODONTA EJECTA.

Notodonta ejecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 411, (1865).
 ——— Moore, Lep. Ceyl. ii, p. 112, (1882).
 Ceylon.

1192. NOTODONTA SIKKIMA.

Notodonta sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 68, (1879)
 Darjiling.

Genus *Ichthyura*.

1193. ICHTHYURA ARGENTEA.

Ichthyura argentea, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 24, pl. 102,
 fig. 12, (1886).
 Darjiling.

1194. ICHTHYURA FERRUGINEA.

Ichthyura ferruginea, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.
 N.-E. Bengal.

1195. ICHTHYURA FULGURITA.

Ichthyura fulgurita, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).
 I. M., Calcutta.
 Collection Swinhoe, Dharmasala.
 Also recorded from South India and Shanghai.

1196. ICHTHYURA INDICA.

Ichthyura indica, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.
 Bengal.

1197. ICHTHYURA RESTITURA.

Ichthyura restitura, Walker, Cat. Lep. Het. B. M. xxxii, p. 433, (1865).
 ——— Moore, Lep. Ceyl. ii, p. 115, pl. 122, figs. 1, 1a, 1b,
 (1882).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 438.
 Collection Swinhoe, Subathoo, Mhow, Poona.
 Also recorded from Ceylon.

Genus *Ingura*.

1198. INGURA CRISTATRIX.

Ingura cristatrix, Guen., Noct. iii, p. 313, 1122.*
 ——— Moore, Proc. Zool. Soc. Lond. 1877, p. 605.
 Andaman Is.

1199. INGURA SUBAPICALIS.

Abrostola subapicalis, Walker, Cat. Lep. Het. B. M. xii, p. 883, (1857).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.
Ingura recurrens, Walker, loc. cit., xv, p. 1779, (1858).
Ingura subapicalis, Butler, Proc. Zool. Soc. Lond. (1883), p. 157.
 Collection Swinhoe, Simla, Darjiling, Karachi.
 Also recorded from Solun and Calcutta.

Genus **Ptilophora**.1200. **PTILOPHORA KASHGHARA**.

Ptilophora kashghara, Moore, Ann. Nat. Hist. (5), i, p. 231, (1878).
 2nd Yarkand Mission Lep., p. 8, pl. 1,
 fig. 19, (1879).

Kashgar.

Genus **Tarsolepis**.1201. **TARSOLEPIS FULGURIFERA**.

Crino fulgurifera, Walker, Cat. Lep. Het. B. M. xiv, p. 1347, (1857).
Tarsolepis fulgurifera, Butler, Ill. Trop. Lep. Het. vi, p. 23, pl. 106, fig. 9,
 (1886).

N. India.

Genus **Rosama**.1202. **ROSAMA PLUSIOIDES**.

Rosama plusioides, Moore, Descr. Ind. Lep. Atk. i, p. 62, (1879).
 Darjiling.

Genus **Spatalia**.1203. **SPATALIA GEMMIFERA**.

Spatalia gemmifera, Moore, Descr. Ind. Lep. Atk. i, p. 62, pl. 3, fig. 14,
 (1879).
 I. M., Sikkim (purchased).

Genus **Hoplitis**.1204. **HOPLITIS STRIGATA**.

Hoplitis strigata, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 13,
 (1879).
 Kanara.

Genus **Pheosia**.1205. **PHEOSIA ALBIFASCIA**.

Pheosia albifascia, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).
 Darjiling.

1206. **PHEOSIA BASALIS**.

Pheosa (sic) *basalis*, Moore, Lep. Ceyl. ii, p. 113, pl. 121, figs. 1, 1a, (1882).
 Ceylon.

1207. **PHEOSIA COSTALIS**.

Pheosia costalis, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).
 Darjiling.

1208. *PHEOSIA SIKKIMA*.

Pheosia sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 69, (1879).
Darjiling.

Genus *Rachia*.

1209. *RACHIA PLUMOSA*.

Rachia plumosa, Moore, Descr. Ind. Lep. Atk. i, p. 70, (1879).
Proc. Zool. Soc. Lond. 1879, p. 405, pl. 34,
fig. 1.

Darjiling.

Genus *Danaka*.

1210. *DANAKA PYRALIFORMIS*.

Danaka pyraliformis, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 3, fig. 10,
(1879).

Darjiling.

Genus *Beara*.

1211. *BEARA CASTANEA*.

Beara castanea, Moore, Descr. Ind. Lep. Atk. i, p. 71, pl. 2, fig. 9, (1879)
Darjiling.

1212. *BEARA DICHROMELLA*.

Beara dichromella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1703, (1866).
Moore, Lep. Ceyl. ii, p. 116, pl. 123, figs. 2, 2a, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301.

Collection Swinhoe, Bombay.
Also recorded from Ceylon.

Genus *Moma*.

1213. *MOMA CHAMPA*.

Moma champa, Moore, Proc. Zool. Soc. Lond. 1879, p. 403, pl. 33, fig. 2.
Collection Swinhoe; Kasauli.
Also recorded from Dharmasala.

Genus *Oxicesta*.

1214. *OXICESTA MARMOREA*.

Oxicesta marmorea, Moore, 2nd Yarkand Mission Lep., p. 8, pl. 1, fig. 17,
(1879).
I. M., Yarkand.

Genus *Netria*.

1215. *NETRIA VIRIDESCENS*.

Netria viridescens, Walker, Cat. Lep. Het. B. M. vi, p. 1504, (1855).
Moore, Cat. Lep. Mus. E. I. C. ii, p. 372, pl. 11a, fig. 3,
(1859).
— Lep. Ceyl. ii, p. 110, pl. 120, figs. 2, 2a, (1882).
Ceylon, Java.

Genus **Baradesa**.1216. **BARADESA LITHOSIOIDES.**

Baradesa lithosioides, Moore, Proc. Zool. Soc. Lond. 1833, p. 17, pl. 5,
fig. 2.

I. M., Sikkim (purchased), Sylhet.
Collection Swinhoe; Sikkim.

Genus **Zaranga**.1217. **ZARANGA PANNOSA.**

Zaranga pannosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 357.

Collection Swinhoe, Simla.
Also recorded from Umballa.

SUB-FAMILY CALPINÆ.

Genus **Calpe**.1218. **CALPE BICOLOR.**

Calpe bicolor, Moore, Proc. Zool. Soc. Lond. 1883, p. 19.
Waterhouse, Aid, iii, pl. 150, fig. 4.*

Punjab.
Allied to *C. ophideroides*.

1219. **CALPE FASCIATA.**

Calpe fasciata, Moore, Ind. Lep. Atk. ii, p. 151, (1882).
Hypocalpe fasciata, Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

Collection, Swinhoe, Simla, Sikkim, Bombay.
Also recorded from Solun.

1220. **CALPE MINUTICORNIS.**

Calpe minuticornis, Guen., Noct. ii, p. 374, (1852).*
Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).
Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
Lep. Ceyl. iii, p. 78, pl. 153, figs 3, 3a, (1884).
Proc. Zool. Soc. Lond. 1883, p. 19.

Collection Swinhoe, Darjiling.
Also recorded from Java, Bombay, Ceylon.

1221. **CALPE OPHIDEROIDES.**

Calpe ophideroides, Guen., Noct. ii, p. 374, (1852).*
Walker, Cat. Lep. Het. B. M. xii, p. 959, (1857).

Also recorded from Nepal, Landaur, Singapore.
Collection Swinhoe, Simla.

1222. CALPE ORTHOGRAPTA.

Calpe orthograptata, Butler, Ill. Typ. Lep. Het. vi, p. 25, pl. 107, fig. 2,
(1886).

I. M., Darjiling (purchased).

Genus *Gadera*.

1223. GADERA INCITANS.

Gadera incitans, Walker, Cat. Lep. Het. B. M. xii, p. 964, (1857).

Butler, Ill. Typ. Lep. Het. vi, p. 27, pl. 107, fig. 5, (1886).

N. India.

Genus *Oræsia*.

1224. ORÆSIA ARGYROSIGNA.

Oræsia argyrosigna, Moore, Lep. Ceyl. iii, p. 77, pl. 153, fig. 4, (1884).

Ceylon.

1225. ORÆSIA EMARGINATA.

Noctua emarginata Fabr., Ent. Syst. iii, 2, p. 82, 240, (1794).

Oræsia emarginata, Guen., Noct. ii, p. 363, 1203, (1852).*

Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Lep. Ceyl. iii, p. 76, pl. 153, figs. 2, 2a, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301, and
1886, p. 439.

Proc. Zool. Soc. Lond. 1886, p. 438.

Butler, Ill. Typ. Lep. Het. vi, p. 26, pl. 107, fig. 4,
(1886)

Oræsia alliciens, Walker, loc. cit., p. 945, (1857).

Oræsia tentans, Walker, loc. cit.

I. M., Darjiling, Ceylon (Colombo Museum).

Collection Swinhoe, Simla, Sylhet, Mhow, Poona, Bombay,
Ceylon.

Also recorded from China.

1226. ORÆSIA PROVOCANS.

Oræsia provocans, Walker, Cat. Lep. Het. B. M. xii, p. 943, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Sylhet, S. Africa.

1227. ORÆSIA RECTISTRIA.

Oræsia rectistria, Guen., Noct. ii, p. 363, 1204, (1852).*

Walker, Cat. Lep. Het. B. M. xii, p. 944, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Collection Swinhoe, Sylhet.

1228. *ORÆSIA VAGABUNDA*.

Oræsia vagabunda, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47,
fig. 5.

Collection Swinhoe, Karachi.

Genus *Cyphanta*.1229. *CYPHANTA XANTHOCHLORA*.

Cyphanta xanthochlora, Walker, Cat. Lep. Het. B. M. xxxiii, p. 856,
(1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

Eutler, Ill. 1 yp. Lep. Het. B. M. vi, p. 25, pl.
107, fig. 3, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus *Arsacia*.1230. *ARSACIA FRONTIRUFA*.

Arsacia frontirufa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 301, pl. 20,
fig. 12.

Bombay.

1231. *ARSACIA SATURATALIS*.

Arsacia saturatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1269, (1865).

Arsacia saturalis, Moore, Lep. Ceyl. iii, p. 78, pl. 152, fig. 8, (1884).

Ceylon.

Genus *Culasta*.1232. *CULASTA INDECISA*.

Culasta indecisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 377.

Descr. Ind. Lep. Atk. ii, p. 151, (1882).

Collection Swinhoe, Bombay, Satara.

Also recorded from Madras and Benares.

Genus *Ambadra*.1233. *AMBADRA ERNESTINA*.

Corma ernestina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 20,
fig. 2.

Collection Swinhoe, Bombay.

FAMILY DREPANULIDÆ.

Genus *Thymistada*.

1234. THYMISTADA TRIPUNCTATA.

Thymistada tripunctata, Walker, Cat. Lep. Het. B. M. xxxii, p. 515,
(1865).

India.

Genus *Drepana*.

1235. DREPANA ALBONOTATA.

Drepana albonotata, Moore, Descr. Ind. Lep. Atk. i, p. 83, (1879).

Collection Swinhoe, Sikkim.

Also recorded from Parisnath.

1236. DREPANA BIOCULARIS.

Drepana biocularis, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 9,
(1879).

Darjiling.

1237. DREPANA DUPLEXA.

Drepana duplexa, Moore, Proc. Zool. Soc. Lond. 1865, p. 816, pl. 43,
fig. 8.

Darjiling.

1238. DREPANA FLAVA.

Drepana flava, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 7, (1879).

Darjiling.

1239. DREPANA PALLIDA.

Drepana pallida, Moore, Descr. Ind. Lep. Atk. i, p. 84, (1879).

Darjiling.

1240. DREPANA PATRANA.

Drepana patrana, Moore, Proc. Zool. Soc. Lond. 1865, p. 816.

Darjiling.

1241. DREPANA POSTICA.

Drepana postica, Moore, Descr. Ind. Lep. Atk. i, p. 84, pl. 2, fig. 8, (1879).

Darjiling.

1242. DREPANA SADANA.

Drepana sadana, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.

Darjiling.

1243. DREPANA SPECULARIS.

Drepana specularis, Moore, Proc. Zool. Soc. Lond. 1879, p. 407.
 Lep. Ceyl. ii, p. 120, pl. 124, fig. 2, (1882).
 ————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 18, pl. 106, fig.
 3, (1886).

Darjiling, Ceylon.

1244. DREPANA VINACEA.

Drepana vinacea, Moore, Deser. Ind. Lep. Atk. i, p. 85, (1879).

Darjiling.

1245. DREPANA VIRA.

Drepana vira, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.

Collection Swinhoe, Simla, Darjiling.

Genus *Oreta*.

1246. ORETA EXTENSA.

Oreta extensa, Walker, Cat. Lep. Het. B. M. v, p. 1166, (1855).
 ————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 370, pl. 11a, fig. 2; and
 pl. 18, fig. 3, (1859).
 ————— Proc. Zool. Soc. Lond. 1867, p. 683.
 ————— Lep. Ceyl. ii, p. 119, pl. 124, figs. 3, 3a, (1882).
Oreta suffusa, Walker, *loc. cit.*, p. 1167, (1855).

Collection Swinhoe, Simla.

Also recorded from Java and Ceylon.

1247. ORETA OBTUSA.

Oreta obtusa, Walker, Cat. Lep. Het. B. M. v, p. 1167, (1855).
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

Sylhet.

1248. ORETA PAVICA.

Oreta pavica, Moore, Proc. Zool. Soc. Lond. 1865, p. 815.

Darjiling.

1249. ORETA SANGUINEA.

Oreta sanguinea, Moore, Deser. Ind. Lep. Atk. i, p. 85, (1879).

Collection Swinhoe, Darjiling.

1250. ORETA VATAMA.

Oreta vatama, Moore, Proc. Zool. Soc. Lond. 1865, p. 813.
 Darjiling.

Genus **Lonomia**.1251. **LONOMIA VITTIPALPIS.**

Lonomia vittipalpis, Walker, Char. Undescr. Lep. Het. 1869, p. 90.
Benares.

Genus **Callidrepana**.1252. **CALLIDREPA NAOCHREA.**

Callidrepana ochrea, Butler, Ill. Typ. Lep. Het. vi. p. 17, pl. 105, fig. 10,
(1886).
Darjiling.

Genus **Agnidra**.1253. **AGNIDRA DISCISPILARIA.**

Agnidra discispilaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 619.
Bengal.

1254. **AGNIDRA MUSCULARIA.**

Fuscellina muscularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1554, (1866).
Agnidra muscularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 619, pl. 32,
fig. 2.
N India.

1255. **AGNIDRA SPECULARIA.**

Fuscellina specularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1553, (1866).
Agnidra specularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 618, pl. 32, fig. 2.
Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 105, figs. 11,
12, (1886).
Darjiling.

1256. **AGNIDRA USTA.**

Agnidra usta, Butler, Ill. Typ. Lep. Het. vi, p. 17, pl. 106, fig. 2, (1886).
Darjiling.

Genus **Auzata**.1257. **AUZATA SEMIPAVONARIA.**

Auzata semipavonaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1620, (1862).
Butler, Ill. Typ. Lep. Het. vi, p. 18, pl. 106, fig. 1,
(1886).
Collection Swinhoe, Simla.

Genus **Macrocilix**.1258. **MACROCILIX MYSTICATA.**

Argyris mysticata Walker, Cat. Lep. Het. B. M. xxvi, p. 1617, (1862).
Butler, Ill. Typ. Lep. Het. vi, p. 19, pl. 106, fig. 4,
(1886).
Macrocilix mysticata, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.
Collection Swinhoe, Dharmasala.
Also recorded from Darjiling.

Genus *Argyris*.1259. *ARGYRIS DELIARIA*.

Argyris deliaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1861).

Collection Swinhoe, Simla, Sikkim, Matheran, Khandallah, Ceylon.

Also recorded from Sylhet, Nepal, and Hongkong.

1260. *ARGYRIS DELPHIARIA*.

Argyris delphiaria, Guen., Phal. ii, p. 14, 911.*

Walker, Cat. Lep. Het. B. M. xxiii, p. 808, (1864).

Punjab.

Allied to *A. deliaria*.

1261. *ARGYRIS EXTRUSATA*.

Ephyra extrusata, Walker, Cat. Lep. Het. B. M. xxii, p. 637, (1861).

Argyris extrusata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 41.

Collection Swinhoe, Mhow, Mirzapore, Bombay, Poona.

Also recorded from Ceylon.

1262. *ARGYRIS INSIGNATA*.

Argyris insignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.

Bengal.

1263. *ARGYRIS OCELLATA*.

Argyris ocellata, Herrich Schaff. Eur. Schmett. iii, p. 97, pl. 23, figs. 125, 126.*

Walker, Cat. Lep. Het. B. M. xxiii, p. 807, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 645.

Journ. As. Soc. Beng. liii, (2), 3, p. 237, (1884).

Caloptera ocellata, Walker, loc. cit. vi, p. 1377 (1855).

Argyris ommatopararia, Guen., Phal. ii, p. 13.*

Bengal, Crete, Syria.

Genus *Cobanilla*.1264. *COBANILLA MARGINATA*.

Cobanilla marginata, Moore, Lep. Ceyl. ii, p. 121, pl. 124, fig. 4, (1882)

Ceylon.

FAMILY LIMACODIDÆ.

Genus *Scopelodes*.1265. *SCOPELODES AUROGRISSEA*.

Scopelodes aurogrissea, Moore, Lep. Ceyl. ii, p. 126, pl. 126, figs. 1, 1a, 1b, (1882).

Ceylon.

1266. SCOPELODES PALPALIS.

Scopelodes palpalis, Walker, Cat. Lep. Het. B. M. v, p. 1105, (1855).
 Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, pl. 21, figs. 2, 2a, (1859).

Dalcera palpigera, Herr Schaff., Lep. Exot. Nov. Ser. i, fig. 109, (1856).*

Collection Swinhoe, Assam.

Also recorded from Java.

1267. SCOPELODES SERICEA.

Scopelodes sericea, Butler, Ann. Mag. N. H. (5), vi, p. 63, (1880).
 Ill. Typ. Lep. Het. vi, p. 3, pl. 101, fig. 6 (1886).

I. M., Sikkim (purchased).

Allied to *S. testacea*.

1268. SCOPELODES TESTACEA.

Scopelodes testacea, Butler, Ill. Typ. Lep. Het. vi, p. 3, pl. 101, fig. 5, (1886).

Scopelodes unicolor, Walker (*nec* Westw.), Cat. Lep. Het. B. M. v, p. 1104, (1855).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Also recorded from Sylhet and Moulmein.

1269. SCOPELODES URSINA.

Scopelodes ursina, Butler, Ill. Typ. Lep. Het. vi, p. 3, pl. 101, figs. 7, 8, (1886).

I. M., Sikkim (purchased).

Also recorded from Sylhet.

Allied to *S. vulpina*.

1270. SCOPELODES VENOSA.

Scopelodes venosa, Walker, Cat. Lep. Het. B. M. v, p. 1105.

Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

1271. SCOPELODES VULPINA.

Scopelodes vulpina, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig. 22, (1879).

Darjiling.

Genus *Natada*.

1272. NATADA BASALIS.

Natada basalis, Walker, Cat. Lep. Het. B. M. v, p. 1110, (1855).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303, and 1886, p. 439.

Collection Swinhoe, Bombay, Mhow.

1273. NATADA RUFESCENS.

Natada rufescens, Walker, Cat. Lep. Het. B. M. v, p. 1109, (1855).Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 10,
(1886).

N. India.

1274. NATADA VELUTINA.

Gastropacha velutina, Kollar, Kaschmir Von Hügel, iv, p. 473, (1848).

Walker, Cat. Lep. Het. B. M. vi, p. 1391, (1855).

Natada rugosa, Walker, loc. cit., p. 1109, (1855).Phocoderma velutina, Butler, Ill. Typ. Lep. Het. vi, p. 4, pl. 102, fig. 1,
(1886).

I. M., Sikkim (purchased), Cachar (Wood-Mason).

Collection Swinhoe, Malda, Poona.

Also recorded from Mussooree and Sind.

Genus **Thosea**.

1275. THOSEA CERVINA.

Thosea cervina, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877)

Lep. Ceyl. ii, p. 130, pl. 129, figs. 2, 2a, (1882).

Ceylon.

1276. THOSEA DUPLEXA.

Thosea duplexa, Moore, Lep. Ceyl. ii, p. 130, pl. 131, fig. 3, (1882).

I. M., Sibsagar.

Also recorded from Ceylon.

1277. THOSEA UNIFASCIA.

Thosea unifascia, Walker, Cat. Lep. Het. B. M. v, p. 1068, (1855).

India.

Genus **Contheyla**.

1278. CONTHEYLA THORACICA.

Contheyla thoracica, Moore, Descr. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 7,
(1879).

Darjiling.

1279. CONTHEYLA VESTITA.

Contheyla vestita, Walker, Cat. Lep. Het. B. M. xxxii, p. 385, (1865).

S. India.

Genus **Parasa**.

1280. PARASA APICALIS.

Limarodes apicalis, Walker, Cat. Lep. Het. B. M. v, p. 1150, (1855).Parasa apicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

Sylhet.

1281. *PARASA BICOLOR*.

Neara bicolor, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).

Parasa bicolor, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 11, (1886).

I. M., Calcutta, Sibsagar (Peal).

Collection Swinhoe, Sikkim, N. Canara.

1282. *PARASA HILARIS*.

Limacodes hilaris, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 3, (1848).

Neara hilaris, Walker, Cat. Lep. Het. B. M. v, p. 1142, (1855).

Central India.

1283. *PARASA ISABELLA*.

Parasa isatella, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Bengal.

1284. *PARASA LETA*.

Limacodes leta, Westw., Cab. Or. Ent., p. 50, (1848).

Nyssia leta, Walker, Cat. Lep. Het. B. M. v, p. 1137, (1855).

Parasa retracta, Walker, loc. cit., xxxii, p. 483, (1865).

Parasa leta, Moore, Lep. Ceyl. ii, p. 127, pl. 130, fig. 1, (1882).

I. M., Calcutta (Anderson).

Collection Swinhoe, Canara.

Also recorded from Ceylon.

1285. *PARASA LALEANA*.

Parasa laleana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 417, pl. 21, fig. 2, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

1286. *PARASA LEPIDA*.

Phalena Noctua lepida, Cramer, Pap. Exot. ii, pl. 130, fig. 2, (1777).

Limacodes graciosa, Westw., Cab. Or. Ent., p. 50, pl. 24, fig. 4, (1848).

Neara graciosa, Walker, Cat. Lep. Het. B. M. v, p. 1139, (1855).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 399.

Parasa lepida, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, pl. 21, figs. 3a, b, c, d, (1859).

————— Proc. Zool. Soc. Lond. 1867, p. 684.

————— Lep. Ceyl. ii, p. 127, pl. 128, figs. 2, 2a, 2b, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303 and 1886, p. 439.

I. M., Calcutta (Anderson, DeNiceville).

Collection Swinhoe, Mhow, Bombay, Ceylon.

1287. *PARASA NARARIA*.

Parasa nararia, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 8, 8a, (1859).

———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India.

1288. *PARASA PASTORALIS*.

Parasa pastoralis, Butler, Ann. Mag. N. H. (5), vi, p. 63, (1880).

———— Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 9, (1886)

Bhotan.

1289. *PARASA PUNICA*.

Neæra punica, Boisd., Herr Schöff., Lep. Exot. i, fig. 177.*

———— Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).

Parasa punica, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Sylhet.

1290. *PARASA REPANDA*.

Neæra repanda, Walker, Cat. Lep. Het. B. M. v, p. 1141, (1855).

Parasa repanda, Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 5, (1886).

I. M., Sikkim (purchased), Sibsagar (Peal).

1291. *PARASA RETRACTATA*.

Limacodes retractata, Walker, Cat. Lep. Het. B. M. xxxii, p. 487, (1865) and xxxv, p. 1938, (1866).

Collection Swinhoe, Darjiling.

1292. *PARASA SIMILIS*.

Letosa similis, Felder, Reise Novara, pl. 82, fig. 15, (1864-75).

Parasa similis, Moore, Lep. Ceyl. ii, p. 128, pl. 130, fig. 2, (1882).

Ceylon.

1293. *PARASA UNICOLOR*.

Parasa unicolor, Moore, Cat. Lep. Mus. E. I. C. ii, p. 415, pl. 21, figs. 7 7a, (1859).

———— Walker, Cat. Lep. Het. B. M. xxxii, p. 482, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

N. India, Calcutta.

Genus *Aphendala*.1294. *APHENDALA APERIENS*.

Miresa aperiens, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).

Aphendala aperiens, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 4, 4a, (1882).

I. M., Ceylon (Colombo Museum).

1295. APHENDALA CANA.

Parasa cana, Walker, Cat. Lep. Het. B. M. xxxii, p. 484, (1865).

Aphendala cana, Moore, Lep. Ceyl. ii, p. 129, pl. 130, figs. 3, 3a, 3b, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

Collection Swinhoe, Poona.

Also recorded from S. India and Ceylon.

1296. APHENDALA DIVARICATA.

Aphendala divaricata, Moore, Trans. Ent. Soc. Lond. 1884, p. 376.

I. M., Cachar (Wood-Mason, Type), Sibsagar (Peal).

1297. APHENDALA OCHRACEA.

Aphendala ochracea, Moore, Lep. Ceyl. ii, p. 129, pl. 129, figs. 3, 3a, (1882).
Ceylon.

1298. APHENDALA TRANSVERSATA.

Aphendala transversata, Walker, Cat. Lep. Het. B. M. xxxii, p. 495, (1865).

————— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 8, (1886).

Collection Swinhoe, Kulu.

Also recorded from S. India.

1299. APHENDALA TRIPARTITA.

Aphendala tripartita, Moore, Trans. Ent. Soc. Lond. 1884, p. 376

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 398,
pl. 14, fig. 14.

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 439.

Collection Swinhoe, Mhow.

Also recorded from Maupuri and Jubbulpore.

Genus **Rabila**.

1300. RABILA FRONTALIS.

Rabila frontalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 508, (1865).

————— Moore, Lep. Ceyl. ii, p. 135, pl. 132, fig. 5, (1882).

Ceylon.

Genus **Susica**.

1301. SUSICA COSMIANA.

Susica cosmiana, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440, pl. 40, fig. 9.

Collection Swinhoe, Mhow.

Allied to *S. fraterna*.

1302. SUSICA FRATERNA.

Susica fraterna, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 2, 2a, (1882).

Ceylon.

1303. *SUSICA* *PALLIDA*.

Sunica pallida, Walker, Cat. Lep. Het. B. M. v, p. 1114, (1855).
 ———— Butler, Ill. Typ. Lep. Het. vi, p. 6, pl. 102, fig. 4. (1886).
 E. Indies, Nepal.

1304. *SUSICA SIGNATA.*

Susica signata, Moore, Lep. Ceyl. ii, p. 131, pl. 131, figs. 1, 1a, 1b, (1882).
Ceylon.

Genus Miresa.

1305. **MIRESA ALBIPUNCTA.**

Nyssia albipuncta, Herr Schaff, Lep. Exot. i, fig. 179.*
Miresa albipuncta, Walker, Cat. Lep. Het. B. M. v, p. 1123, (1855).
 ——— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 397, pl.
 14, figs. 8—8c.
 ——— Swinhoe, Proc Zool. Soc. Lond. 1886, p. 439.
Miresa (sic) *albipuncta*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 412, (1859).
 Collection Swinhoe, Mhow, Darjiling.

1306. *MIRESA ARGENTIFERA*.

Mireia argentifera, Walker, Cat. Lep. Het. B. M. v, p. 1124. (1865).
 — Moore, Lep. Ceyl. ii, p. 128, pl. 129, figs. 1, 1a. (1882).
 I. M., Sib-sagar, Shillong.
 Collection Swinhoe, North Canara.
 Also recorded from Ceylon.

1307. *MIRESA BRACTEATA.*

Miresa bracteata, Butler, Ann. Mag. N. H. (5), vi, p. 64, (1880)
 Ill. Typ. Lep. Het. vi, p. 5, pl 102, fig 2, (1886).
 Collection Swinhoe, Darjiling.

1308. *MIRESA BREVILINEA*.

Miresa brevilinea, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).
 ——— Moore, Proc Zool. Soc. Lond. 1867, p. 684.
 Darjiling.

1309. MIRESA CASTANKEIPARS.

Miresa castaneipars, Moore, Proc. Zool. Soc. Lond. 1865, p. 819.
Walker, Cat. Lep. Het. B. M. xxv, p. 1936, (1866).
Darjiling.

1310. MIREs ACUPREA.

Miresa cuprea, Moore, Deser. Ind. Lep. Atk. i, p. 74, pl. 3, fig. 8, (1879).
Darjiling.

1311. *MIRESA DECEDENS*.*Miresa decedens*, Walker, Cat. Lep. Het. v, p. 1125, (1855). Butler, Ill. Typ. Lep. Het. vi, p. 5, pl. 102, fig. 3, (1886).

N. India.

1312. *MIRESA GUTTIFERA*.*Miresa guttifera*, Walker, Cat. Lep. Het. B. M. v, p. 1124, (1855).

E. Indies.

1313. *MIRESA INORNATA*.*Miresa inornata*, Walker, Cat. Lep. Het. B. M. v, p. 1125, (1855).

Collection Swinhoe, Kunawar.

Also recorded from Bengal.

1314. *MIRESA MOLLIS*.*Miresa mollis*, Walker, Cat. Lep. Het. B. M. xxxii, p. 475, (1865).

S. India.

1315. *MIRESA NIVAHA*.*Miresa* (sic) *nivaha*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859)*Miresa nivaha*, Walker, Cat. Lep. Het. B. M. xxxii, p. 474, (1865).

Kanara.

Genus *NYSSIA*.1316. *NYSSIA HERBIFERA*.*Nyssia herbifera*, Walker, Cat. Lep. Het. B. M. v, p. 1136, (1855). Moore, Proc. Zool. Soc. Lond. 1867, p. 684.*Neomiresa herbifera*, Butler, Ill. Typ. Lep. Het. vi, p. 7, pl. 102, fig. 6, (1886).

Nepal.

1317. *NYSSIA LATIFASCIA*.*Nyssia latifascia*, Walker, Cat. Lep. Het. B. M. v, p. 1136, (1855). Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Nepal.

Genus *NAROSA*.1318. *NAROSA ADALA*.*Narosa adala*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, pl. 11, fig. 14;
and pl. 21, fig. 13, (1859). Lep. Ceyl. ii, p. 132, pl. 132, figs. 3, 3a, (1882).

Ceylon, Java.

1319. *NAROSA CONSPERSA*.*Narosa conspersa*, Walker, Cat. Lep. Het. B. M. v, p. 1151, (1855).

————— Nietner, Obs. Enemies of Coffee in Ceylon, p. 20, (1861).*

————— Moore, Lep. Ceyl. ii, p. 132, pl. 132, figs. 2, 2a, 2b, (1882).

Collection Swinhoe, Canara, Mahableshwar, Ceylon.

1320. *NAROSA RUFOTESSELLATA*.*Narosa rufotessellata*, Moore, Descr. Ind. Lep. Atk. i, p. 73, pl. 3, fig. 24 (1879).

Darjiling.

Genus **Cania**.1321. *CANIA SERICEA*.*Cania sericea*, Walker, Cat. Lep. Het. B. M. v, p. 1178, (1855).

————— Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 102, fig. 7, (1886).

N. India.

Genus **Cheromettia**.1322. *CHEROMETTIA FERRUGINEA*.*Belippa ferruginea*, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).*Cheromettia ferruginea*, Moore, Lep. Ceyl. ii, p. 134, pl. 132, figs. 1, 1a, 1b, (1882).

Ceylon.

Genus **Belippa**1323. *BELIPPA APICATA*.*Belippa apicata*, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879).

Darjiling.

Genus **Monema**.1324. *MONEMA OCELLATA*.*Monema ocellata*, Moore, Descr. Ind. Lep. Atk. i, p. 74, (1879).

I. M., Sikkim (purchased), Shillong, Khasi Hills.

Collection Swinhoe, Darjiling.

Genus **Setora**.1325. *SETORA DIVERGENS*.*Setora divergens*, Moore, Descr. Ind. Lep. Atk. i, p. 75, pl. 3, fig. 23, (1879).

I. M., Sibsaagar (Peal).

Also recorded from Sikkim.

Genus **Candyba**.1326. **CANDYBA PUNCTATA.***Candyba punctata*, Walker, Cat. Lep. Het. B. M. vii, p. 1761, (1856).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 418, (1859).

————— Lep. Ceyl. ii, p. 133, pl. 132, fig. 4, (1882).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

————— *loc. cit.* 1886, p. 438.*Belgoræ subnotata*, Walker, *loc. cit.*, xxxii, p. 497, (1865).

I. M., Kulu (purchased), Sihsagar.

Collection Swinhoe, Solon, Poona, Mhow, Punjab, Candy,
Ceylon.Family **LASIOCAMPIDÆ.**Genus **Bharetta**.1327. **BHARETTA CINNAMOMEA.***Bharetta cinnamomea*, Moore, Proc. Zool. Soc. Lond. 1865, p. 820, pl. 13,
fig. 6

Darjiling.

Genus **Andraca**.1328. **ANDRACA BIPUNCTATA.***Andraca bipunctata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 582, (1865).

—————, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.

India.

1329. **ANDRACA TRILOCHOIDES.***Andraca trilochoides*, Moore, Proc. Zool. Soc. Lond. 1865, p. 820

————— Waterhouse, Aid. ii, pl. 132, figs. 1, 2, (1883).*

I. M., Sihsagar (Peal).

Also recorded from Sikkim.

Genus **Cifuna**.1330. **CIFUNA LOCUPLES.***Cifuna locuples*, Walker, Cat. Lep. Het. B. M. v, p. 1173, (1855).

————— Butler, Ill. Typ. Lep. Het. ii, p. 18, pl. 27, fig. 6, (1878).

Collection Swinhoe, Khasi Hills.

Also recorded from Sylhet and Yokohama.

Genus **Trisula**.1331. **TRISULA VARIEGATA.***Trisula variegata*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 420, pl. 12a, fig.
1; and pl. 22, figs. 1, 1a, 1b, (1859).————— Walker, Cat. Lep. Mus. Het. B. M. xxxii, p. 576,
(1865).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305, pl. 21,
fig. 7; and 1886, p. 440.

Collection Swinhoe, Mhow, Poona, Bombay.

Also recorded from Madras.

Genus **Horanpella**.

1332. **HORANPELLA PLACIDA**.

Horanpella placida, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 1, 1a, (1882).
Ceylon.

Genus **Clisiocampa**.

1333. **CLISIOCAMPA INDICA**.

Clisiocampa indica, Walker, Cat. Lep. Het. B. M. vi, p. 1489, (1855).
E. Indies.

Genus **Chilena**.

1334. **CHILENA SIMILIS**.

Chilena similis, Walker, Cat. Lep. Het. B. M. v, p. 1071, (1855).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 413, (1859).
——— Proc. Zool. Soc. Lond. 1867, p. 684.

Collection Swinhoe, Punjab, Sind.
Also recorded from Nepal.

1335. **CHILENA STRIGULA**.

Lasiocampa strigula, Walker, Cat. Lep. Het. B. M. xxxii, p. 563, (1865).
Chilena strigula, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404, pl. 14, figs.
6, 6a, 6b.
S. India, Mhow.

Genus **Hondella**.

1336. **HONDELLA JUVENIS**.

Ptilomacra juvenis, Walker, Cat. Lep. Het. B. M. v, p. 1099, (1865).
Hondella juvenis, Moore, Lep. Ceyl. ii, p. 144, pl. 137, fig. 4, (1882).
Ceylon.

Genus **Alompra**.

1337. **ALOMPRA FERRUGINEA**.

Alompra ferruginea, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 33,
fig. 8.
I. M., N. Khasi Hills, Sikkim (purchased).

Genus **Pandala**.

1338. **PANDALA DOLOSA**.

Pandala dolosa, Walker, Cat. Lep. Het. B. M. iv, p. 922, (1855).
——— Moore, Lep. Ceyl. ii, p. 140, pl. 134, fig. 5, (1882).
Ceylon.

Genus *Gangarides*.1339. *GANGARIDES DHARMA*.

Gangarides dharmia, Moore, Proc. Zool. Soc. Lond. 1865, p. 821, pl. 43, fig. 7.

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

1340. *GANGARIDES ROSEA*.

Apona rosea, Walker, Cat. Lep. Het. B. M. xxxii, p. 513, (1865).

Gangarides rosea, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Genus *Apha*.1341. *APHA FLAVA*.

Apha flava, Moore, Trans. Ent. Soc. Lond. 1884, p. 359.

Nilgiri Hills.

1342. *APHA FLORALIS*.

Apha floralis, Butler, Ill. Typ. Lep. Het. v, p. 64, pl. 94, figs. 5, 6, (1881).

Collection Swinhoe, Darjiling.

1343. *APHA LANUGINOSA*.

Apha lanuginosa, Walker, Trans. Ent. Soc. Lond. Ser. 3, i, p. 83, (1862-64).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 512, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sylhet.

1344. *APHA SUBDIVES*.

Apha subdives, Walker, Cat. Lep. Het. B. M. v, p. 1180, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10a, fig. 4.

————— Proc. Zool. Soc. Lond. 1867, p. 681.

—————, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 94, figs. 7, 8, (1881).

I. M., Shillong, Khasi Hills, Cherra.

Collection Swinhoe, Shillong, Khasi Hills.

Also recorded from Sylhet.

Genus *Ganisa*.1345. *GANISA PALLIDA*.

Ganisa pallida, Butler, Ill. Typ. Lep. Het. v, p. 65, pl. 96, fig. 2, (1881).

I. M., Sikkim (purchased).

Also recorded from Bhotan.

1346. *GANISA PLANA*.

Ganisa plana, Walker, Cat. Lep. Het. B. M. v, p. 1191, (1855).
 ——— Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs. 4, 5, (1881).
 Collection Swinhoe, Sylhet.
 Also recorded from Sikkim.

1347. *GANISA POSTICA*.

Ganisa postica, Walker, Cat. Lep. Het. B. M. v, p. 1190, (1855).
 ——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, pl. 10a, fig. 5,
 (1859).
 ——— Lep Ceyl ii, p. 137, pl. 133, fig. 3, (1882).
 I. M., Kulu, (purchased).
 Also recorded from Ceylon.

1348. *GANISA SIMILIS*.

Ganisa similis, Moore, Trans. Ent. Soc. Lond 1884, p. 359.
 Darjiling.

Genus *Apona*.

1349. *APONA CASHMIRENSIS*.

Gustropacha cashmirensis, Kollar, Kaschmir Von Hügel, p. 472, pl. 21,
 fig. 4, (1848).
 Collection Swinhoe, Simla.
 Also recorded from Kashmir.

1350. *APONA PALLIDA*.

Apona pallida, Walker, Cat. Lep. Het. B. M. vii, p. 1763, (1856).
 ——— Moore, Proc. Zool. Soc. Lond. 1872, p. 579.
 Sikkim.

1351. *APONA PLUMOSA*.

Apona plumosa, Moore, Proc. Zool. Soc. Lond. 1872, p. 579.
 Nilgiri Hills.

1352. *APONA SHEVAROYENSIS*.

Apona shevaroyensis, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.
 Madras.
 Allied to *plumosa*.

Genus *Cricula*.

1853. *CRICULA DREPANOIDES*.

Cricula drepanoides, Moore, Proc. Zool. Soc. Lond. 1865, p. 817.
 ——— Wardle's Wild Silks of India, p. 7, (1881).
 Darjiling.

1354. CRICULA TRIFENESTRATA.

Attacus fenestra ♀, Linn., Syst. Nat. i. 2, 811, 9, (1767).

Attacus perspicua ♀, Linn. loc. cit., 10.

Bombyx fenestra ♀, Fabr., Sp. Ins. ii, 170, 18, (1781).

Bombyx perspicua ♀, Fabr., loc. cit., 171, 21, (1781).

Saturnia trifenestrata, Herr Schäff., Lep. Exot. Ser. i, pl. 17, fig. 80.*
 ————— Helfer Journ. As. Soc., Beng. vi, 45, 10 (1837).

Euphranor multifenestrata, Herr Schäff., loc. cit., pl. 61, fig. 556.*

Saturnia zuleika, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 1, (1848).

Cricula trifenestrata, Walker, Cat. Lep. Het. B. M. v, p. 1187; and p. 1196, (1855); and xxxii, p. 530, (1865).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 384, pl. 18, figs. 7 a, b, c, (1859).

————— Wardle's Wilk Silks of India, p. 7, (1881).

Antheraea zuleika, Walker, loc. cit., v, p. 1252, (1855).

I. M., Dacca (DeNiceville), Sikkim (purchased), Khasi Hills, Sibsagar, Cachar (Wood-Mason), Andaman Is. (purchased) Java (DeNiceville), no locality (Dumaine; (?) Capt. Hutton), Cocoons.

Collection Swinhoe, Darjiling, Khasi Hills, Shevaroy Hills.

Genus *Tagora*.

1355. TAGORA DISCREPANS.

Tagora discrepans, Moore, Trans. Ent. Soc. Lond. 1884, p. 360.

Eupterote discrepans, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Bombay, Canara.

1356. TAGORA GLAUDESCENS.

Tagora glaucescens, Walker, Cat. Lep. Het. B. M. v, p. 1188, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

Ganisa glaucescens, Butler, Ill Typ. Lep. Het. v, p. 65, pl. 96, figs. 1, 2, (1881).

I. M., Sikkim (Barnes).

Collection Swinhoe, Sikkim.

1357. TAGORA MURINA.

Tagora murina, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).

————— Lep. Ceyl. ii, p. 142, pl. 136, fig. 2, (1882).

Ceylon.

1358. TAGORA PANDYA.

Tagora pandya, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1943, (1866).

Collection Swinhoe, Sylhet.

Allied to *T. patula*.

1359. TAGORA PATULA.

Tagora patula, Walker, Cat. Lep. Het. B. M. v, p. 1189, (1855).

——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 366, (1859).

——— Proc. Zool. Soc. Lond. 1867, p. 681.

——— Butler, Ill. Typ. Lep. Het. B. M. v, p. 70, pl. 98, figs. 1, 2, (1881).

I. M., Sibsagar.

Also recorded from Sylhet.

1360. TAGORA UNDULOSA.

Tagora undulosa, Walker, Cat. Lep. Het. B. M. v, p. 1196, (1855).

E. Indies.

Genus *Sphingognatha*.

1361. SPHINGOGNATHA KHASIANA.

Sphingognatha khasiana, Moore, Descr. fud. Lep. Atk. i, p. 77, (1879).

Khasi Hills.

1362. SPHINGOGNATHA PALLIDA.

Jana pallida, Walker, Cat. Lep. Het. B. M. iv, p. 912, (1855).

——— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

Sphingognatha asclepiades, Felder, Reise Novara Lep. iv, pl. 94, fig. 1, (1864-75)-*Tagora pallida*, Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 3, (1881).

Sylhet, Sumatra.

Genus *Jana*.

1363. JANA INCANDESCENS.

Jana incandescens, Walker, Cat. Lep. Het. B. M. iv, p. 910, (1855).

——— Butler, Ill. Typ. Lep. Het. B. M. v, p. 71, pl. 98, fig. 5, (1881).

I. M., Sikkim (purchased).

1364. JANA SIGNIFERA.

Jana signifera, Walker, Cat. Lep. Het. B. M. iv, p. 911, (1855).

N. India.

Genus *Palirisa*.

1365. PALIRISA CERVINA.

Jana cervina, Moore, Proc. Zool. Soc. Lond. 1865, p. 807.

——— Walker, Cat. Lep. Het. B. M. xxxv, p. 1917, (1866).

Palirisa cervina, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

I. M., a specimen with no history.

Recorded from Darjiling.

1366. *PALIRISA LINEOSA*.

Jana lineosa, Walker, Cat. Lep. Het. B. M. iv ; p. 912, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

————— Butler, Ill. Typ. Lep. Het. v, p. 71, pl. 98, fig. 4, (1881).

Palirisa lineosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 360.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Sylhet.

Genus *Dreata*.1367. *DREATA HADES*.

Dreata hades, Walker, Cat. Lep. Het. B. M. iv, p. 908, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 681.

————— Butler, Ill. Typ. Lep. Het. v, p. 70, pl. 97, fig. 7, (1881).

I. M., Shillong, N. Khasi Hills, Cherra.

Also recorded from Sylhet.

Genus *Eupterote*.1368. *EUPTEROTE AFFINIS*.

Eupterote affinis, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.

N. India.

1369. *EUPTEROTE ALTERATA*.

Eupterote alterata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

I. M., Sikkim (purchased), Buxa (Moti Ram), Manbhum
(Beavan).

Collection Swinhoe, Darjiling.

1370. *EUPTEROTE ANADA*.

Dreata anada, Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

————— Walker, Cat. Lep. Het. B. M. xxii, p. 373, (1865).

Kanara.

1371. *EUPTEROTE AURIFLUA*.

Eupterote auriflua, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.

Malabar.

1372. *EUPTEROTE CALIGINOSA*.

Eupterote caliginosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Jubbulpore.

1373. *EUPTEROTE CANARAICA*.

Eupterote canaraica, Moore, Proc. Zool. Soc. Lond. 1879, p. 410.

Kanara.

1374. EUPTEROTE CASTANOPTERA.

Eupterote castanoptera, Moore, Trans. Ent. Soc. Lond. 1884, p. 365.
Nepal.

1375. EUPTEROTE CINNAMOMEA.

Eupterote cinnamomea, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.
Kadara.

1376. EUPTEROTE CITRINA.

Dreata citrina, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).
Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).
I. M., Sikkim (purchased).
Also recorded from Central India.

1377. EUPTEROTE CONSIMILIS.

Eupterote consimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.
Darjiling.

1378. EUPTEROTE CONTAMINATA.

Eupterote contaminata, Moore, Trans. Ent. Soc. Lond. 1884, p. 363.
Bombay.
Allied to *E. imbecilis* and *E. taoensis*.

1379. EUPTEROTE CUPREIPENNIS.

Eupterote cupreipennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.
Madras.

1380. EUPTEROTE DECORATA.

Eupterote decorata, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.
Punjab.

1381. EUPTEROTE DIABOLICA.

Eupterote diabolica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 308.
Belgaum.
Allied to *E. mutans*.

1382. EUPTEROTE DIFFUSA.

Dreata diffusa, Walker, Cat. Lep. Het. B. M. xxxii, p. 374, (1865).
Eupterote diffusa, Moore, Lep. Ceyl. ii, p. 142, pl. 135, fig. 2, (1882).
Ceylon.

1383. EUPTEROTE DISCORDANS.

Eupterote discordans, Butler, Ill. Typ. Lep. Het. v, p. 66, pl. 96, figs 6, 7.
(1881).
Calcutta.

1384. EUPTEROTE DISSIMILIS.

Eupterote dissimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 308.

Dehra Dhun.

1385. EUPTEROTE FABIA.

Bombyx fabia, Oliv., Enc. Meth. Ins. v, 38, 51.*

Phalæna fabia, Cramer, Pap. Exot. iii, pl. 250, fig. B, (1779).

Eupterote fabia, Hübn., Verz. Bek. Schmet., p. 187, 1933, (1816).

Dreata fabia, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855); and vii, p. 1742, (1856).

Coromandel.

Allied to *E. mutans*.

1386. EUPTEROTE GRISEIPENNIS.

Eupterote griseipennis, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.

N. India.

1387. EUPTEROTE GYRA.

Eupterote gyra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

Belgaum.

Allied to *E. mutans*.

1388. EUPTEROTE IGNAVUS.

Eupterote ignavus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440, pl. 41, fig. 1, ♂.

Collection Swinhoe, Mhow.

Allied to *E. mutans*.

1389. EUPTEROTE IMBECILIS.

Dreata imbecilis, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).

Eupterote imbecilis, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, fig. 2, (1881).

N. India.

1390. EUPTEROTE IMMUTATA.

Eupterote immutata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.

Nepal.

1391. EUPTEROTE INVALIDA.

Eupterote invalida, Butler, Ill. Typ. Lep. Het. v, p. 68, pl. 97, figs. 3, 4, (1881).

I. M., Calcutta (DeNiceville), Burrakur, Kulu (purchased).

Also recorded from Darjiling.

Allied to *E. taoensis*.

1392. EUPTEROTE LATIVITTATA.

Eupterote lativittata, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

Bombay.

Allied to *E. canaraica*.

1393. EUPTEROTE LUCIA.

Eupterote lucia, Butler, Ann. Mag. Nat. Hist. (5), xvi, p. 346, pl. 8, fig. 4, (1886).

I. M., Shillong, Cherrapunji.

1394. EUPTEROTE MOLLIFERA.

Dreata mollifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865).

Tagora antheræata, Walker, loc. cit., p. 512

Bomochroa (sic) *ornata*, Felder, Reise Novara, iv, pl. 94, fig. 3, (1864-75).

Collection Swinhoe, Ceylon.

1395. EUPTEROTE MOLLIS.

Eupterote mollis, Moore, Trans. Ent. Soc. Lond. 1884, p. 367.

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Bombay, Nilgiris.

1396. EUPTEROTE MUTANS.

Dreata mutans, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).

— Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).

Eupterote mutans, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 8, (1881).

Collection Swinhoe, Mirzapore.

Also recorded from Sikkim and the Philippine Is.

1397. EUPTEROTE NIGRICANS.

Eupterote nigricans, Moore, Trans. Ent. Soc. Lond. 1884, p. 365.

Jubbulpore, Saugor.

Allied to *E. undata*.

1398. EUPTEROTE NILGIRICA.

Eupterote nilgirica, Moore, Descr. Ind. Lep. Atk. i, p. 77, (1879).

Nilgiri Hills.

1399. EUPTEROTE OCHRIPICTA.

Eupterote ochripicta, Moore, Proc. Zool. Soc. Lond. 1879, p. 416

— Lep. Ceyl. ii, p. 141, pl. 136, figs. 1, 1a, 1b, (1882).

Ceylon.

Allied to *E. fabia*.

1400. EUPTEROTE PERMUTATA.

Eupterote permutata, Moore, Trans. Ent. Soc. Lond. 1884, p. 366.
Bengal.

1401. EUPTEROTE PERSIMILIS.

Eupterote persimilis, Moore, Trans. Ent. Soc. Lond. 1884, p. 368.
Calcutta.

1402. EUPTEROTE PETOSIRIS.

Phalæna petosiris, Cramer, Pap. Exot. iv, pl. 397, fig. D, (1782).
Dreata petosiris, Walker, Cat. Lep. Het. B. M. iv, p. 925, (1855).
Coromandel.

1403. EUPTEROTE SIMILIS.

Eupterote similis, Moore, Trans. Ent. Soc. Lond. 1884, p. 369.
 Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 304.
Collection Swinhoe, Poona.
Also recorded from Calcutta.

1404. EUPTEROTE SINUATA.

Eupterote sinuata, Moore, Trans. Ent. Soc. Lond. 1884, p. 363.
Himalayas.
Allied to *E. undata*.

1405. EUPTEROTE SUBDITA.

Eupterote subdita, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.
Jubbulpore.

1406. EUPTEROTE SUFFUSA.

Eupterote suffusa, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.
Jubbulpore.

1407. EUPTEROTE TAOOENSIS.

Dreata taoensis, Moore, Proc. Zool. Soc. Lond. 1878, p. 818, pl. 53, fig. 7.
Tenasserim.

1408. EUPTEROTE TODARA.

Eupterote todara, Moore, Trans. Ent. Soc. Lond. 1884, p. 364.
Nilgiri Hills.

1409. EUPTEROTE UNDANS.

Dreata undans, Walker, Cat. Lep. Het. B. M. iv, p. 905, (1855).
Pachyjana undans, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 6,
(1881).

EUPTEROTE UNDANS,—continued.

Eupterote undans, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

I. M., Sibsagar.

Collection Swinhoe, Mahableshtar.

1410. EUPTEROTE UNDATA.

Bombyx undatus, Blanch., Jacq. Voy. Inde Zool. Ins. p. 23, pl. 1, fig. 8, (1844).

Dreata undifera, Walker, Cat. Lep. Het. B. M. iv, p. 904, (1855).

Dreata undata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 363, (1859).

Walker, *loc. cit.*, xxii, p. 373, (1865).

Eupterote undata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 303.

I. M., Buxa (Moti Ram), Sikkim (Barnes).

Collection Swinhoe, Poona, Khandalla.

Also recorded from Belgaum and Madras.

1411. EUPTEROTE VARIEGATA.

Eupterote variegata, Moore, Trans. Ent. Soc. Lond. 1884, p. 362.

Jubbulpore.

1412. EUPTEROTE VINOSA.

Eupterote vinosa, Moore, Trans. Ent. Soc. Lond. 1884, p. 361.

Jubbulpore.

Genus Spalyria.**1413. SPALYRIA ADOLPHEI.**

Bombyx adolpheï, Guer., Voy. Deless. Hist. Nat., p. 96, pl. 27, fig. 3, (1843).

Lasiocampa adolpheï, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Nilgiri Hills.

1414. SPALYRIA COLLARIS.

Bombyx collaris, Guer., Voy. Deless. Hist. Nat., p. 95, pl. 27, fig. 2, (1843).

Lasiocampa collaris, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Spalyria collaris, Moore, Trans. Ent. Soc. Lond. 1884, p. 370.

Nilgiri Hills.

1415. SPALYRIA FLAVICOLLIS.

Bombyx flavicollis, Guer., Voy., Deless. Hist. Nat., p. 94, pl. 27, fig. 1, (1843).

Lasiocampa flavicollis, Walker, Cat. Lep. Het. B. M. vi, p. 1442, (1855).

Collection Swinhoe, Ootacamund.

1416. SPALYRIA TESTACEA.

Dreata testacea, Walker, Cat. Lep. Het. B. M. iv, p. 906, (1855).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 364, (1859).

Eupterote testacea, Butler, Ill. Typ. Lep. Het. v, p. 67, pl. 97, fig. 1, (1881).

Spalyria testacea, Butler, Ann. Mag. N. H. (5), xvi, p. 346, (1885).

I. M., Cachar (Wood-Mason), Shillong, Khasi Hills.

Also recorded from Sylhet.

Genus **Murlida**.1417. **MURLIDA FRATERNA**.

Murlida fraterna, Moore, Trans. Ent. Soc. Lond. 1884, p. 371.

Collection Swinhoe, India.

Recorded from Darjiling.

1418. **MURLIDA LINEOSA**.

Lasiorampa lineosa, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).

Murlida lineosa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).

———— Walker, *loc. cit.*, xxxii, p. 563, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

———— Trans. Ent. Soc. Lond. 1884, p. 371.

Eupterote lineosa, Butler, Ill. Typ. Lep. Het. B. M. v, p. 67, pl. 96, fig. 9; (1881).

Collection Swinhoe, Ootacamund.

Also recorded from Nepal, Darjiling.

Genus **Brachytera**.1419. **BRACHYTERA GEMINATA**.

Dreata geminata, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).

Brachytera geminata, Moore, Lep. Ceyl. ii, p. 143, pl. 137, figs. 2, 2a, (1882).

Collection Swinhoe, Ceylon.

1420. **BRACHYTERA PHALANARIA**.

Brachytera phalanaria, Felder, Reise, Novara Lep. iv, pl. 95, fig. 1, (1864-75).

———— Moore, Lep. Ceyl. ii, p. 143, pl. 135, fig. 1, (1882).

Ceylon.

1421. **BRACHYTERA PRIMULARIS**.

Brachytera primularis, Moore, Trans. Ent. Soc. Lond. 1884, p. 371.

Collection Swinhoe, Nilgiri Hills, N. Canara.

Also recorded from the Shevaroy Hills.

Genus **Sangatissa**.1422. **SANGATISSA ALBIPARS**.

Sangatissa albipars, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.

Collection Swinhoe, Bombay, North Canara.

Allied to *S. citrinula*.

1423. **SANGATISSA CITRINULA**.

Dreata citrinula, Walker, Cat. Lep. Het. B. M. xxxii, p. 376, (1865).

Sangatissa citrinula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Satara, Poona.

1424. **SANGATISSA SUBCURVIFERA.**

Dreata subcurvifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 375, (1865).
Sangatissa subcurvifera, Moore, Lep. Ceyl. ii, p. 144, pl. 134, fig. 6, (1882).

I. M., Yunan.

Collection Swinhoe, Solun, Ceylon.

1425. **SANOATISSA TRISERIATA.**

Dreata triseriata, Butler, Proc. Zool. Soc. Lond. 1875, p. 393.

S. India.

Allied to *S. subcurvifera*.

Genus *Messata*.1426. **MESSATA ÆNESCENS.**

Messata ænescens, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
 Lep. Ceyl. ii, p. 139, pl. 134, fig. 1, (1882).

Ceylon.

Allied to *M. plumipes*.

1427. **MESSATA CASTANOPTERA.**

Messata castanoptera, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304.

Collection Swinhoe, Belgaum, Poona.

Also recorded from the Nilgiri Hills.

1428. **MESSATA FLAVIDA.**

Messata flavida, Moore, Trans. Ent. Soc. Lond. 1884, p. 372.

Nilgiri Hills.

1429. **MESSATA FRATERNA.**

Messata fraterna, Moore, Proc. Zool. Soc. Lond. 1879, p. 409, pl. 34,
 fig. 6.

Bombay.

1430. **MESSATA LINEATA.**

Dreata lineata, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).
Messata lineata, Walker, loc. cit., v, p. 1108, (1855).
Leptojana lineata, Butler, Ill. Typ. Lep. Het. v, p. 69, pl. 97, fig. 5, (1881).
 N. India.

1431. **MESSATA PLUMIPES.**

Dreata plumipes, Walker, Cat. Lep. Het. B. M. iv, p. 907, (1855).
Messata rubiginosa, Walker, loc. cit., v, p. 1108, (1855).
 Moore, Lep. Ceyl. ii, p. 138, pl. 133, figs. 5, 5a, (1882).

Collection Swinhoe, Ceylon.

1432. *MESSATA* QUADRIFASCIATA.

Messata quadrifasciata, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
 Lep. Ceyl. ii, p. 139, pl. 134, fig. 3, (1882).
 Collection Swinhoe, Ceylon.

1433. *MESSATA* SIMILIS.

Messata similis, Moore, Lep. Ceyl. ii, p. 139, pl. 133, fig. 4, (1882).
 Ceylon.

1434. *MESSATA* TRANSLATA.

Messata translata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 304, pl. 21,
 fig. 5.
 Collection Swinhoe, Satara, Nilgiri Hills, Poona.

1435. *MESSATA* TRISTIS.

Stenoglene tristis, Felder, Reise Novara Lep., pl. 95, fig. 4, (1864-75).
Messata tristis, Moore, Lep. Ceyl. ii, p. 139, pl. 134, fig. 2, (1882).
 Collection Swinhoe, Ceylon.

1436. *MESSATA* VIALIS.

Messata vialis, Moore, Proc. Zool. Soc. Lond. 1879, p. 409.
 Lep. Ceyl. ii, p. 139, pl. 134, fig. 4, (1882).
 Ceylon.

Genus *Nisaga*.

1437. *NISAGA* MODESTA.

Nisaga modesta, Moore, Trans. Ent. Soc. Lond. 1884, p. 373.
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.
 Collection Swinhoe, Satara, Poona, Bombay.

1438. *NISAGA* SIMPLEX.

Nisaga simplex, Walker, Cat. Lep. Het. B. M. iv, p. 885, (1855).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.
 I. M., Shillong, Khasi Hills.
 Collection Swinhoe, Satara, Poona.

Genus *Syrastrina*.

1439. *SYRASTRINA* MINOR.

Metanastrina minor, Moore, Descr. Ind. Lep. Atk. i, p. 78, (1879).
Syrastrina minor, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.
 Darjiling.

Genus *Lenodora*.

1440. *LENODORA* FASCIATA.

Lenodora fasciata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.
 Nilgiri Hills.

1441. *LENODORA FUSCA*.

Lenodora fusca, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.
Bombay.

1442. *LENODORA SIGNATA*.

Lenodora signata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.
Dehra Dhun.

1443. *LENODORA SUBCOSTALIS*.

Miresa subcostalis, Walker, Cat. Lep. Het. B. M. xxxii, p. 476, (1865).
Lenodora subcostalis, Moore, Lep. Ceyl. ii, p. 145, pl. 137, figs. 3, 3a, 3b,
(1882).
Ceylon.

1444. *LENODORA VITTATA*.

Lasiocampa vittata, Walker, Cat. Lep. Het. B. M. vi, p. 1440, (1855).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).
Lenodora vittata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 305.
Collection Swinhoe, Poona.
Also recorded from N. India, Madras.

Genus *Gastropacha*.1445. *GASTROPACHA CASCHMIRENSIS*.

Gastropacha caschmirensis, Kollar, Kaschmir, Von Hugel, p. 472, pl. 21,
fig. 4, (1848).
——— Walker, Cat. Lep. Het. B. M. vi, p. 1393,
(1855).
Kashmir.

1446. *GASTROPACHA DIVARICATA*.

Gastropacha divaricata, Moore, Trans. Ent. Soc. Lond. 1884, p. 374.
Darjiling.

1447. *GASTROPACHA SIKKIMA*.

Gastropacha sikkima, Moore, Descr. Ind. Lep. Atk. i, p. 75, (1879).
Darjiling.

1448. *GASTROPACHA SINUATA*.

Gastropacha sinuata, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879).
Darjiling.

1449. *GASTROPACHA SULPHUREA*.

Gastropacha sulphurea, Kollar, Kaschmir Von Hugel, p. 471, (1848).
——— Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).
Mussooree.

1450. *GASTROPACHA TORRIDA*.

Gastropacha torrida, Moore, Descr. Ind. Lep. Atk. i, p. 76, pl. 3, fig. 19,
(1879).
Darjiling.

1451. *GASTROPACHA UNDULIFERA*.

Gastropacha undulifera, Walker, Cat. Lep. Het. B. M. vi, p. 1395,
(1855).
N. India.

Genus *Trabala*.1452. *TRABALA IRRORATA*.

Trabala irrorata, Moore, Trans. Ent. Soc. Lond. 1884, p. 375.
I. M., Mergui (Anderson).
Also recorded from Java.

1453. *TEABALA LÆTA*.

Amydona læta, Walker, Cat. Lep. Het. B. M. vi, p. 1416, (1855).
Trabala læta, Walker, *loc. cit.*, vii, p. 1785, (1856).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. xiii, figs. 7,
7a, (1859).
I. M., specimens, with no history.
Collection Swinhoe, Dharmasala.
Also recorded from Sylhet and Java.

1454. *TRABALA MAHANANDA*.

Trabala mahananda, Moore, Proc. Zool. Soc. Lond. 1865, p. 821.
Bengal.

1455. *TRABALA VARIA*.

Amydona varia, Walker, Cat. Lep. Het. B. M. vi, p. 1414, (1855).
Trabala varia, Walker, *loc. cit.*, vii, p. 1785, (1856).
Sylhet, W. Africa.

1456. *TRABALA VISHNU*.

Gastropacha vishnou, Lefebvre, Zool. Journ. iii, p. 207, (1827).
——— Walker, Cat. Lep. Het. B. M. vi, p. 1394, (1855).
——— Piepers & Snellen, Tijds. Ent. xx, p. 21, (1877).
Amydona basalis, Walker, *loc. cit.*, vi, p. 1415, (1855).
Amydona prasina, Walker, *loc. cit.*, vi, p. 1417, (1855).
Amydona pallida, Walker, *loc. cit.*, vi, p. 1417, (1855).
Trabala basalis, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala prasina, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala pallida, Walker, *loc. cit.*, vii, p. 1785, (1856).
Trabala vishnu, Moore, Cat. Lep. Mus. E. I. C. ii, p. 425, pl. 22, figs. 3, 3a,
3b, (1859).
——— Walker, *loc. cit.*, xxxii, p. 554, (1865).
——— Moore, Lep. Ceyl. ii, p. 146, pl. 138, figs. 1, 1a, 1b, 2, 2a,
(1882).

TRABALA VISHNU, —continued.

Trabala vishnu, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 404.

— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Khasi Hills, Sikkim (Barnes), Sibsagar (Peal), Calcutta (DeNiceville), Cherra, Cachar (Wood-Mason), Shillong, Silchar (Wood-Mason), Kulu (purchased), Andaman Islands (purchased), Java (DeNiceville).

Collection Swinhoe, Bhotan, Bombay, Simla, Sylhet, Nilgiris, Murree.

Also recorded from Ceylon and Hongkong.

Showing a large range of variation.

Genus Lebeda.**1457. LEBEDA ACONYTA.**

Phalena aconyta, Cramer, Pap. Exot. ii, pl. 131, fig. A, (1777).

Bombyx quadricincta, Fabr., Mant. Ins. ii, p. 111, 44.

Ent. Syst. iii, 1, 422, 60.

Metanastria aconyta, Hüb., Verz. Bek. Schmett., p. 186, 1917, (1816).

Dirphia aconyta, Walker, Cat. Lep. Het. B. M. vi, p. 1370, (1855).

Lasiocampa trifascia, Walker, loc. cit., vi, p. 1439, (1855).

Lasiocampa subtrigosa, Walker, loc. cit., vi, p. 1441, (1855).

Lasiocampa aconyta, Moore, Cat. Lep. Mus. E. I. C. ii, p. 421, (1859).

Walker, loc. cit., xxxii, p. 560, (1865).

Collection Swinhoe, Sikkim.

Also recorded from Canara.

1458. LEBEDA BUDDHA.

Bombyx buddha, ♂, Lefebvre, Zool. Journ. iii, 209, (1827).*

Bombyx brahma, ♀, Lefebvre, loc. cit., iii, p. 208, (1827).*

Lasiocampa brahmz, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).

Lasiocampa buddha, Walker, loc. cit., vi, p. 1444, (1855).

Lebeda plugiata, Walker, loc. cit., vi, p. 1464, (1855).

Lebeda buddha, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12a, figs. 2, 2a, (1859).

— Walker, loc. cit., xxxii, p. 568, (1865).

— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 407, pl. 15, figs. 3, 3a, 3b,

— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 440.

I. M., Sibsagar (Peal), Cherra, Darbhanga (Maries).

Collection Swinhoe, Bombay, Mhow, Sikkim.

Also recorded from Ceylon.

1459. LEBEDA FUSCIATA.

Lobeda fuscata, Moore, Trans. Ent. Soc. Lond. 1884, p. 375.

Khasi Hills.

1460. LEBEDA FULGENS.

Lebeda fulgens, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).

Darjiling.

1461. LEBEDA LIDDERDALII.

Lebeda lidderdalii, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 1, 2, (1881).

Bhotan.

1462. *LEBEDA LINEATA*.

Lebeda lineata, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).
Darjiling.

1463. *LEBEDA LUSCA*.

Bombyx lusca, Fabr., Mant. Ins. ii, p. 112, 49.
——— Ent. Syst. iii, i, 424, 55.
——— Oliv., Eno. Meth. v, 42, 70.*
Lasiocampa lusca, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855).
Coromandel.

1464. *LEBEDA NANDA*.

Lebeda nanda, Moore, Cat. Lep. Mus. E. I. C. ii, p. 423, pl. 12a, fig. 3,
(1859).
——— Walker, Cat. Lep. Het. B. M. xxxii, p. 568, (1865).
I. M., Sikkim (purchased).

1465. *LEBEDA NOBILIS*.

Lebeda nobilis, Walker, Cat. Lep. Het. B. M. vi, p. 1456, (1855).
——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).
——— Butler, Ill. Typ. Lep. Het. v, p. 74, pl. 100, figs. 5, 6,
(1881).
I. M., Sikkim (purchased), Cherra.
Collection Swinhoe, Sylhet, Kasauli.

1466. *LEBEDA OPPONENS*.

Lebeda opponens, Walker, Cat. Lep. Het. B. M. vi, p. 1462, (1855).
N. India.

1467. *LEBEDA PLACIDA*.

Lebeda placida, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879).
Collection Swinhoe, Darjiling, Shillong.

1468. *LEBEDA PLAGIFERA*.

Lebeda plagifera, Walker, Cat. Lep. Het. B. M. vi, p. 1469, (1855).
——— Butler, Ill. Typ. Lep. Het. B. M. v, p. 73, pl. 99, fig.
5. (1881).
I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling, Simla.
Also recorded from Nepal.

1469. *LEBEDA RECTA*.

Lebeda recta, Walker, Cat. Lep. Het. B. M. vi, p. 1461, (1855).
N India.

1470. *LEBEDA REPANDA*.

Lebeda repanda, Walker, (Part), Cat. Lep. Het. B. M. vi, p. 1460, (1855).

————— Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 1, 2, (1886).

Sylhet, Nepal, Ceylon.

1471. *LEBEDA STIGMATA*.

Lebeda stigmata, Butler, Ill. Typ. Lep. Het. v, p. 73, pl. 100, figs. 3, 4, (1881).

I. M., Sikkim (purchased).

Allied to *L. placida*.

1472. *LEBEDA UNDANS*,

Lebeda undans, Walker, Cat. Lep. Het. B. M. vi, p. 1458, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 365, (1859).

Sylhet.

1473. *LEBEDA VARIEGATA*.

Lebeda variegata, Moore, Ann. Mag. N. H. (4), xx, p. 347, (1877).

————— Lep. Ceyl. ii, p. 151, pl. 139, fig. 1, (1882).

Collection Swinhoe, Ceylon.

1474. *LEBEDA VINATA*.

Lebeda vinata, Moore, Proc. Zool. Soc. Lond. 1865, p. 820.

Darjiling.

1475. *LEBEDA VULPINA*.

Lebeda vulpina, Moore, Descr. Ind. Lep. Atk. i, p. 81, (1879).

Darjiling.

Genus *Arguda*.

1476. *ARGUDA DECURTATA*.

Arguda decurtata, Moore, Descr. Ind. Lep. Atk. i, p. 79, 1879.

Darjiling.

Genus *Radhica*.

1477. *RADHICA FLAVOVITTATA*.

Radhica flavovittata, Moore, Descr. Ind. Lep. Atk. i, p. 79, (1879).

Naini Tal, Dharmasala.

Genus *Mahanta*.

1478. *MAHANTA QUADRILINEA*.

Mahanta quadrilinea, Moore, Descr. Ind. Lep. Atk. i, p. 78, pl. 3, fig. 20, (1879).

Darjiling.

Genus **Chatra**.1479. **CHATRA** **GRISEA**

Chatra grisea, Moore, Descr. Ind. Lep. Atk. i, p. 80, (1879).
Cherrapunji, Khasi Hills.

Genus **Trichiura**.1480. **TRICHIURA** **KHASIANA**.

Trichiura khasiana, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 21,
(1879).
Khasi Hills.

Genus **Mustilia**.1481. **MUSTILIA** **CASTANEA**.

Mustilia castanea, Moore, Descr. Ind. Lep. Atk. i, p. 82, (1879).
Darjiling.

1482. **MUSTILIA** **FALCIPENNIS**.

Mustilia falcipennis, Walker, Cat. Lep. Het. B. M. xxxii, p. 581, (1865);
and xxxv, p. 1949, (1866).
Darjiling.

1483. **MUSTILIA** **HEPATICA**.

Mustilia hepatica, Moore, Descr. Ind. Lep. Atk. i, p. 82, pl. 3, fig. 18,
(1879).
Darjiling.

1484. **MUSTILIA** **SPHINGIFORMIS**.

Mustilia sphingiformis, Moore, Proc. Zool. Soc. Lond. 1879, p. 407, pl.
33, fig. 4.
Collection Swinhoe, Sikkim, Sibsagar,
Also recorded from Mussooree.

Genus **Kosala**.1485. **KOSALA** **SANGUINEA**.

Kosala sanguinea, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 33, fig.
8.
Khasi Hills.

Genus **Eutricha**.1486. **EUTRICHA** **CHEELA**.

Eutricha cheela, Moore, Proc. Zool. Soc. Lond. 1879, p. 408.
Dharmasala.

1487. *EUTRICHA FLAVOSIGNATA*.

Eutricha flavosignata, Moore, Descr. Ind. Lep. Atk. i, p. 77, pl. 8, fig. 17,
(1879).

Darjiling.

Genus *Lasiocampa*.

1488. *LASIOCAMPA BHIRA*

Lasiocampa bhira, Moore, Proc. Zool. Soc. Lond. 1879, p. 410, pl. 34,
fig. 2.

Dharmasala.

1489. *LASIOCAMPA DECISA*.

Lasiocampa decisa, Walker, Cat. Lep. Het. B. M. vi, p. 1441, (1855).

E. Indies.

1490. *LASIOCAMPA SUBPARALLELA*.

Lasiocampa subparallela, Walker, Cat. Lep. Het. B. M. xxxii, p. 562,
(1865).

India.

Genus *Odonestis*.

1491. *ODONESTIS AMPLA*.

Odonestis (sic) *ampla*, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).

Odonestis ampla, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 3, 4,
(1881).

Lebeda ferruginea, Walker, *loc. cit.*, p. 1458, (1855); and xxxii, p. 568, (1865).
— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, (1859).

I. M., Sikkim (purchased), Cherrapunji.

Collection Swinhoe, Cherrapunji.

Also recorded from Sylhet.

1492. *ODONESTIS BHEROBA*.

Odonestis bheroba, Moore, Cat. Lep. Mus. E. I. C. ii, p. 424, pl. 12a, fig. 5,
(1859).

Odonestis (sic) *bheroba*, Walker, Cat. Lep. Het. B. M. xxxii, p. 553, (1865).

Darjiling.

1493. *ODONESTIS DIVISA*.

Odonestis divisa, Moore, Proc. Zool. Soc. Lond. 1879, p. 408.

— Lep. Ceyl. ii, p. 150, pl. 141, fig. 2, (1882).

Ceylon.

1494. *ODONESTIS INOBTRUSA*.

Lasiocampa inobtrusa, Walker, Trans. Ent. Soc. Lond. (3), iii, p. 85,
(1862-64).

— Cat. Lep. Het. B. M. xxxii, p. 560, (1865).

Collection Swinhoe, Solun, Simla.

1495. *ODONESTIS LATIPENNIS*.

- Lebeda latipennis*, Walker, Cat. Lep. Het. B. M. vi, p. 1457, (1855).
 ——— Moore, Cat. Lep. Mus. E. I. C. ii, p. 422, pl. 22, figs. 2, 2a, (1859).
 ——— Proc. Zool. Soc. Lond. 1867, p. 685.
Odonestis latipennis, Butler, Ill. Typ. Lep. Het. v, p. 72, pl. 99, figs. 1, 2, (1881).
 Darjiling, Calcutta.

1496. *ODONESTIS PYRIFORMIS*.

- Odonestis pyriformis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 408, pl. 34, fig. 7.
 Mussooree.

1497. *ODONESTIS SERVULA*.

- Phalæna servula*, Drury, Ins. Exot. ii, p. 20, pl. 11, fig. 4, (1773).
Odonestis servula, Westw., Drury, ii, p. 22, pl. 11, fig. 4, (1837).
Odonestis (sic) *servula*, Walker, Cat. Lep. Het. B. M. vi, p. 1412, (1855).
 Madras.

1498. *ODONESTIS SIGNATA*.

- Odonestis signata*, Moore, Descr. Ind. Lep. Atk. i, p. 76, (1879).
 Darjiling.

Genus *Estigena*.1499. *ESTIGENA NANDINA*.

- Estigena nandina*, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, (1859).
 ——— Lep. Ceyl. ii, p. 149, pl. 142, figs. 1, 1a, (1882).
Estigena nandina (sic), Walker, Cat. Lep. Het. B. M. xxxii, p. 568, (1865).
Gastropacha abstracta, Walker, loc. cit., p. 551, (1865).
Lebeda scriptiplaga, Walker, loc. cit., p. 539, (1865).

I. M., Mergui (Anderson), Kulu (purchased), Sikkim (purchased), Akra (Cleghorn).
 Collection Swinhoe, Simla, Bombay.
 Also recorded from Ceylon.

Genus *Taragama*.1500. *TARAGAMA GANESA*.

- Bombyx gunesa*, Lefebvre, Zool. Journ. iii, p. 211, (1827).
Bombyx siva, Lefebvre, loc. cit., p. 217.*
Lasiocampa siva, Walker, Cat. Lep. Het. B. M. vi, p. 1443, (1855).
Lasiocampa gunesa, Walker, loc. cit., p. 1444, (1855).
Megasoma venustum, Walker, loc. cit., p. 1449, (1855).
 ——— Forsyth, Trans Ent. Soc. Lond. 1884, p. 406.
Megasoma albicans, Walker, loc. cit., p. 1450, (1855).

TARAGAMA GENESA,—continued.

Taragama ganesa, Moore, Cat. Lep. Mus. E. I. C. ii, p. 427, pl. xxii, figs. 4, 4a, (1859).

———— Walker, *loc. cit.* xxxii, p. 564, (1865).

———— Semper, Verh. Zool. Botan. Ges. Wien. xvii, p. 701, (1867).

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, and 1885, p. 305 and 1886, p. 440.

Collection Swinhoe, Subathoo, Umballa, Mhow, Karachi, Bombay, Poona and Mahableswhar.

Also recorded from Sind, Punjab, Madras, Kanara, Ceylon, Java, Philippine Islands.

1501. TARAGAMA HYPERANTHERÆ.

Taragama hyperantheræ, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, fig. 5.

Calcutta.

1502. TARAGAMA IGNIFLUA.

Taragama igniflua, Moore, Lep. Ceyl. ii, p. 147, pl. 142, figs. 2, 2a, (1882).

Ceylon.

1503. TARAGAMA INTENSA.

Taragama intensa, Moore, Proc. Zool. Soc. Lond. 1883, p. 18, pl. 5, fig. 4.

I. M., Calcutta.

1504. TARAGAMA PALLIDUM.

Megasoma pallidum, Walker, Cat. Lep. Het. B. M. vi, p. 1450, (1855).

N. India.

Genus *Suana*.

1505. SUANA AMPLA.

Suana ampla, Walker, Cat. Lep. Het. B. M. vi, p. 1502, (1855).

Sylhet, Java, Philippine Is.

1506. SUANA BIMACULATA.

Lebeda bimaculata, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855).

Suana bimaculata, Moore, Cat. Lep. Mus. E. I. C. ii, p. 428, pl. 13a, figs. 2, 2a, and pl. xxiii, figs. 1, 1a, 1b, (1859).

———— Walker, *loc. cit.* xxxii, p. 570, (1865).

———— Moore, Lep. Ceyl. ii, p. 152, pl. 140 (not pl. 104), figs. 1, 1a, 1b, (1882).

———— Butler, Ill. Typ. Lep. Het. vi, p. 2, pl. 101, figs. 3, 4, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Sylhet.

Also recorded from Nepal, Ceylon, and Java.

1507. SUANA CERVINA.

Suana cervina, Moore, Proc. Zool. Soc. Lond. 1879, p. 410.

———— Lep. Ceyl. ii, p. 152, pl. 139, figs. 2, 2a, (1882).

Ceylon.

Allied to *S. bimaculata*.

1508. *SUANA CONCOLOR.*

Lebeda concolor, Walker, Cat. Lep. Het. B. M. vi, p. 1463, (1855).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet and Java.

Genus *Pœcilocampa*.1509. *PÆCILOCAMPA UNDULOSA.*

Pœcilocampa undulosa, Walker, Cat. Lep. Het. B. M. vi, p. 1477, (1855).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

I. M., Cherrapunji, Sibsagar.

Collection Swinhoe, Nepal.

Also recorded from Sikkim.

FAMILY PHALERIDÆ.

Genus *Zana*.1510. *ZANA LIGNOSA.*

Zana lignosa, Walker, Cat. Lep. Het. B. M. vii, p. 1700, (1856).

— Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 4, (1886).

Collection Swinhoe, N. India.

Genus *Turnaca*.1511. *TURNACA ACUTA.*

Turnaca acuta, Walker, Cat. Lep. Het. B. M. xxxii, p. 454, (1865).

Kanara.

Genus *Menapia*.1512. *MENAPIA FAMADENA.*

Menapia kamadena, Moore, Proc. Zool. Soc. Lond. 1865, p. 812.

N.-E. Bengal.

Genus *Phalera*.1513. *PHALERA AMBOINÆ.*

Acrosema amboinæ, Felder, Reise Novara, pl. 96, fig. 2, (1864-75).

Phalera amboina, Sitzber, Akad. Wiss., p. 39, (1861).

Sikkim.

1514. *PHALERA ARENOSA.*

Phalera arenosa, Butler, Ann. Mag. Nat. Hist. (5), vi, p. 66, (1880).

— Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 3, (1886).

Darjiling.

1515. PHALERA BOBI.

Phalera bobi, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 302, pl. 21, fig. 6.
Collection Swinhoe, Bombay.

1516. PHALERA COSSOIDES.

Phalera cossoides, Walker, Trans. Ent. Soc. (3), i, p. 80, (1862-64).
Moore, Proc. Zool. Soc. Lond. 1867, p. 682.

I. M., Khasi Hills, Sikkim (Barnes), Calcutta (de Niceville),
Sibsagar (Peal).

Also recorded from Sylhet.

1517. PHALERA GROTEI.

Phalera grotei, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, pl. 23, figs. 5, 5a,
5b, (1859).

Proc. Zool. Soc. Lond. 1867, p. 682.

Calcutta.

1518. PHALERA PARIVALA.

Phalera parivala, Moore, Cat. Lep. Mus. E. I. C. ii, p. 434, (1859).

Butler, Ill. Typ. Lep. Het. vi, p. 9, pl. 103, fig. 2,
(1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim, Nilgiri Hills.

1519. PHALERA PROCERA:

Acrosema procera, Felder, Reise Novara, pl. 96, fig. 1, (1864-75).

Sikkim.

1520. PHALERA RAYA.

Phalera raya, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).

Butler, Ill. Typ. Lep. Het. vi, p. 8, pl. 103, fig. 1, (1886).

I. M., Sikkim (Barnes).

Collection Swinhoe, Bombay, Sikkim, Simla, Nilgiris.

1521. PHALERA SANGANA.

Phalera sangana, Moore, Cat. Lep. Mus. E. I. C. ii, p. 433, (1859).

Proc. Zool. Soc. Lond. 1867, p. 682.

Butler, Ill. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 4,
(1886).

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1522. PHALERA SIMILIS.

Endoclyta similis, Felder, Reise Novara, pl. 81, fig. 3, (1864-75).

Himalayas.

1523. PHALERA STIGMIGERA.

Phalera stigmigera, Butler, Ann. Mag. N. H., (5), vi, p. 66, (1880).
 Ill. Typ. Lep. Het. vi, p. 10, pl. 103, fig. 5,
 (1886).

Bhotan.

1524. PHALERA TENEBROSA.

Phalera tenebrosa, Moore, Proc. Zool. Soc. Lond. 1865, p. 815.

Darjiling.

Genus **Ramesa**.

1525. RAMESA APICALIS.

Ramesa apicalis, Moore, Descr. Ind. Lep. Atk. i, p. 68, pl. 3, fig. 12,
 (1879).

Darjiling.

1526. RAMESA LIGNIFERATA.

Ramesa ligniferata, Walker, Cat. Lep. Het. B. M. xxxii, p. 415, (1865).

N. India.

1527. RAMESA TOSTA.

Ramesa tosta, Walker, Cat. Lep. Het. B. M. v, p. 1017, (1855).
 ——— Butler, Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 5, (not 15),
 (1886).

N. India.

Genus **Callænia**.

1528. CALLÆNIA ELONGATA.

Callænia elongata, Butler, Ann. Mag. N. H. (5) vi, p. 67, (1880).
 ——— Ill. Typ. Lep. Het. vi, p. 11, pl. 103, fig. 7,
 (1886).

Collection Swinhoe, Simla.

Also recorded from Sikkim.

1529. CALLÆNIA PULLATA.

Callænia pullata, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.

Dalhousie.

Genus **Hyperæschra**.

1530. HYPERÆSCHRA PALLIDA.

Hyperæschra pallida, Butler, Ann. Mag. N. H. (5), vi, p. 65, (1880).
 ——— Ill. Typ. Lep. Het. vi, p. 13, pl. 104, fig. 6,
 (1886).

Darjiling. Singapore.

Family SATURNIIDÆ.

Genus *Actias*.1531. *ACTIAS IGNESCENS*.

Actias ignescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.
 ———— Wardle's Wild Silks of India, p. 5, (1881).

Andaman Is.

1532. *ACTIAS LETO*.

Saturnia leto, Doubleday, Proc. Ent. Soc. Lond. v, p. li, pl. 15, (1847-49).
Tropæa leto, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).
Actias leto, Moore, Proc. Zool. Soc. Lond. 1867, p. 683.
 ———— Massen, Beitr. Schmett. i, fig. 10, (1869).
 ———— Moore, Wardle's Wild Silks of India, p. 5, (1881).

L. M., Sibsagar (Peal), Buxa (Moti Ram), Sikkim (purchased).
 Also recorded from the Khasi Hills.

1533. *ACTIAS MENAS*.

Actias manas, Doubleday, Ann. Nat. Mag. Hist. xix, p. 95, pl. 7, fig. 1, (1847).
 ———— Westw., Cab. Or. Ent., p. 45, pl. 22, fig. 1, (1848).
 ———— Massen, Weymer Beitr. Zur. Schmett. 1872, tgs. 25, 26.*
 ———— Moore, Wardle's Wild Silks of India, p. 5, (1881).
Tropæa manas, Walker, Cat. Lep. Het. B. M. vi, p. 1263, (1855).

Collection Swinhoe, Darjiling.
 Also recorded from the Khasi Hills and Sylhet.

1534. *ACTIAS SELENE*.

Echidna selene, Hübner, Samml. Exot. Schmett. i, pl. 172, p. 3, (1806-19).
Phalæna Attacus luna, Cramer, Pap. Exot. i, pl. 31, figs. A, B, (1775), (nec Drury).
Actias selene, Macleay, Zool. Misl. ii, pl. 70, (1815).
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 400, pl. 19, figs. 3, 3a, (1859).
 ———— Wardle's Wild Silks of India, p. 5, pl. 13, fig. 1, and pl. 14, (1881).
 ———— Lep. Ceyl. ii, p. 123, pl. 126, figs. 1, 1a, (1882).
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306.
Tropæa selene, Hübner, Verz. Bek. Schmett., p. 152, (1816).
 ———— Walker, Cat. Lep. Het. B. M. vi, p. 1262, (1855).
Plectropteron diana, Hutton, Ann. Mag. N. H. xvii, p. 60, (1846).
 ———— Trans. Ent. Soc. Lond. v, p. 45, pl. 5, fig. 11, (1847-49).
Plectropteron selene, Hutton, Trans. Ent. Soc. Lond. v, p. 85, (1847-49).
 L. M., Sikkim (Barnes), Khasi Hills (Chennel), Shillong, Sylhet, Sibsagar (Peal).
 Collection Swinhoe, Simla, Belgaum, Darjiling, Matheran.
 Also recorded from Ceylon and China.

Genus *Attacus*.1535. *ATTACUS ATLAS*.

- Phalena atlas*, Linn., Mus. Lud.-Ulr. p. 366, (1764).
 ———— Syst. Nat. i, ii, p. 808, (1767).
 ———— Cramer, Pap. Exot. iv, pl. 381, fig. C., and pl. 382, fig. A, (1781), also i, pl. 9, fig. A, var., (1775).
Bombyx atlas, Fabr., Syst. Ent. i, p. 556, (1775).
 ———— Sp. Ins. ii, p. 167, (1781).
 ———— Mant. Ins. ii, p. 108, (1787).
 ———— Ent. Syst. iii, i, p. 407, (1793).
 ———— Olivier, Enc. Meth. Ins. v, 24, pl. 69, fig. 1.*
Attacus atlas, Hübner, Verz. Bek. Schmett. pp. 156, 1625, (1816).
 ———— Walker, Cat. Lep. Het. B. M. v, p. 1218, (1855).
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 405, pl. xx, figs. 2, 2a, (1859).
 ———— Moore, Wardle's Wild Silks of India, p. 4, pls. 9, 10, (1881).
Saturnia silhetica, var., Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).
 I. M., Sylhet, Sibsagar (Moti Ram), Cachar (Hutton?), Mussooree (Hutton?), Almora (Hutton?), Sikkim (Barnes), Buxa (Moti Ram), Perak (purchased), Johore.
 Collection, Swinhoe, Belgaum, Nilgiri Hills, Darjiling, Khaddalla.
 Also recorded from Ceylon and Java.

1536. *ATTACUS CANNINGII*.

- Attacus canningii*, Walker, Cat. Lep. Het. xxxii, p. 525, (1865).
 ———— Moore, Wardle's Wild Silks of India, p. 5, (1881).
 N.-W. Himalayas.

1537. *ATTACUS CYNTHIA*.

- Phalena (Attacus) cynthia*, Drury, Exot. Ins. ii, pl. 6, fig. 2, (1775).
 ———— Cramer, Pap. Exot. i, pl. 39, fig. A, (1775).
Bombyx cynthia, Oliv., Enc. Meth. v, 33, 26.
Samia cynthia, Hübner, Verz. Bek. Schmett., p. 156, 1629, (1816).
Phalena cynthia, Roxburg, Trans. Linn. Soc. Lond. vii, p. 42, pl. 3.
 ———— Helfer, Journ. As. Soc. Beng. vi, p. 45, pl. 5, (1837).
Saturnia cynthia, Westw., Ed. Drury. ii, p. 12, pl. 6, fig. 2, (1837).*
Attacus cynthia, Walker, Cat. Lep. Het. B. M. v, p. 1220, (1855).
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, pl. 20, figs. 3, 3a, (1859).
 ———— Wardle's Wild Silks of India, p. 4, pl. 19, figs. 1, 2, (1881).
 I. M., Sikkim (Barnes), Buxa (Moti Ram), Simla, Sibsagar (Peal), Cachar (Hutton), Shillong, Sylhet.
 Collection Swinhoe, Simla, Nilgiri Hills.
 Also recorded from Java, China, and Tasmania.

1538. *ATTACUS EDWARDSII*.

- Attacus edwardsii*, White, Proc. Zool. Soc. Lond. 1859, p. 115, pl. 57.
 ———— Moore, Cat. Lep. Mus. E. I. C. ii, p. 406, (1859).
 ———— Walker, Cat. Lep. Het. B. M. xxxii, p. 524, (1865).
 ———— Butler, Ill. Typ. Lep. Het. (v), p. 60, pl. 92, 93, (1881).
 ———— Moore, Wardle's Wild Silks of India, p. 4, (1881).
 I. M., Shillong, Sikkim (Barnes).
 Allied to *A. atlas*.

1539. *ATTACUS GUERINI*.*Attacus guerini*, Moore, Proc. Zool. Soc. Lond. 1859, p. 269, pl. 65, fig. 3.

————— Cat. Lep. Mus. E. I. C. ii, p. 409, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 525, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

————— Wardle's Wild Silks of India, p. 5, (1881).

Bengal.

1540. *ATTACUS OBSCURUS*.*Attacus obscurus*, Butler, Trans. Ent. Soc. Lond. 1879, p. 5.

————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

Cachar.

1541. *ATTACUS RICINI*.*Saturnia ricini*, Boisd., Ann. Soc. Ent. Fr. (3) ii, p. 755, (1854).*Attacus lunula*, Walker, Cat. Lep. Het. B. M. v, p. 1221, (1855).

————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

Attacus ricini, Moore, Cat. Lep. Mus. E. I. C. ii, p. 407, (1859).————— Walker, *loc. cit.*, xxxii, p. 525, (1865).

————— Moore, Wardle's Wild Silks of India, p. 4, pl. 8, figs. 1, 2, (1881).

Philosamia lunula, Butler, Ill. Typ. Lep. Het. v, p. 601, pl. 94, fig. 1, (1881).I. M., Dinajpur, Kalliganj, Sibhsagar (Penl), Bengal (Hutton ?).
Also recorded from Ceylon and China.Allied to *A. cynthia*.1542. *ATTACUS SILHETICA*.*Saturnia silhetica*, Helfer, Journ. As. Soc. Beng. vi, p. 41, (1837).*Attacus silhetica*, Moore, Wardle's, Wild Silks of India, p. 4, (1881).

Sylhet, Dacca.

1543. *ATTACUS TAPROBANIS*.*Attacus taprobanis*, Moore, Lep. Ceyl. ii, p. 124, pl. 127, figs. 1, 1a, (1882).

Ceylon.

1544. *ATTACUS VESTA*.*Attacus vesta*, Walker, Cat. Lep. Het. B. M. xxxii, p. 525, (1865).

India.

Genus *Saturnia*.1545. *SATURNIA ANNA*.*Saturnia anna*, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

————— Wardle's Wild Silks of India, p. 7, (1881).

Darjiling.

1546. SATURNIA CIDOSA.

Saturnia cidosa, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 423, pl. 22, fig. 2,
(1864-66).

————— Proc. Zool. Soc. Lond. 1867, p. 684.

————— Wardle's Wild Silks of India, p. 7, (1881).

Sikkim.

1547. SATURNIA GROTEI.

Saturnia grotei, Moore, Proc. Zool. Soc. Lond. 1859, p. 265, pl. 65, fig. 2.

————— Cat. Lep. Mus. E. I. C. ii, p. 404, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 530, (1865).

————— Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, figs. 3, 4,
(1881).

————— Moore, Wardle's Wild Silks of India, p. 7, (1881).

I. M., Kulu (purchased).

Collection Swinhoe, Simla, Thibet.

1548. SATURNIA IOLE.

Saturnia iole, Westw., Proc. Zool. Soc. Lond. 1881, p. 144, pl. 12, fig. 1.

Assam.

1549. SATURNIA LINDIA.

Saturnia lindia, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, pl. 22, fig.
3. (1864-66).

————— Proc. Zool. Soc. Lond. 1867, p. 684.

————— Wardle's Wild Silks of India, p. 7, (1881).

Sikkim.

Allied to *S. Grotei*.

1550. SATURNIA PYRETORUM.

Saturnia pyretorum, Westw., Cab. Or. Ent. p. 49, pl. 24, fig. 2, (1848).

————— Walker, Cat. Lep. Het. B. M. vi, p. 1273, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

Asia.

Genus **Neoris**.

1551. NEORIS HUTTONI.

Neoris huttoni, Moore, Trans. Ent. Soc. Lond. iii, i, p. 321, (1862-64).

————— Wardle's Wild Silks of India, p. 6, 1881.

Collection Swinhoe, Simla.

Also recorded from Mussooree.

1552. NEORIS SHADULLA.

Neoris shadulla, Moore, Proc. Zool. Soc. Lond. 1872, p. 577.

————— Wardle's Wild Silks of India, p. 7, (1881).

Yarkand.

1553. *NEORIS STOLICZKANA*.

Saturnia stoliczkana, Felder, Reise Novara Lep. iv, pl. 87, fig. 3, (1864-75).

Neoris stoliczkana, Moore, Wardle's Wild Silks of India, p. 7 (1881).

Ladak.

Genus *Loepa*.1554. *LOEPA KATINKA*.

Saturya katinka, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 2, (1848).

Antheræa katinka, Walker, Cat. Lep. Het. B. M. v, p. 1251, (1855).

Loepa katinka, Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, pl. 20, figs. 1, 1a, (1859).

———— Walker, *Loc. cit.*, xxxii, p. 530, (1865).

———— Moore, Wardle's Wild Silks of India, p. 7, (1881).

I. M., Yunan.

Collection Swinhoe, Simla, Darjiling, Java.

Also recorded from Assam.

1555. *LOEPA MIRANDA*.

Loepa miranda, Moore, Trans. Ent. Soc. Lond. (3), ii, p. 424, (1864-66).

———— Walker, Cat. Lep. Het. B. M. xxxv, p. 1944, (1866).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

———— Wardle's Wild Silks of India, p. 7, (1881).

Antheræa miranda, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

I. M., Sibsagar, Sikkim (purchased), Shillong.

Closely allied to *L. katinka*.

1556. *LOEPA SIKKIMA*.

Loepa sikkima, Moore, Proc. Zool. Soc. Lond. 1865, p. 818.

———— Wardle's Wild Silks of India, p. 7, (1881).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

1557. *LOEPA SIVALICA*.

Loepa sivalica, Moore, Wardle's Wild Silks of India, p. 7, (1881).

Mussooree.

Genus *Antheræa*.1558. *ANTHERÆA ANDAMANA*.

Antheræa andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 602.

———— Wardle's Wild Silks of India, p. 6, (1881).

S. Andaman Is.

1559. *ANTHERÆA ASSAMA*.

Saturnia assama, Westw., Cab. Or. Ent., p. 42, pl. 20, fig. 2, (1848).

Saturnia assamensis, Helfer, Journ. As. Soc. Beng. vi, p. 43, (1837).

ANTHERÆA ASSAMA, —continued.

Antheræa assama, Walker, Cat. Lep. Het. v, p. 1249, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 398, pl. xix, figs. 2, 2a, (1859).

————— Wardle's Wild Silks of India, p. 6, (1881)

Antheræopsis assama, Wood-Mason, Annual Report, Indian Museum, p. 21, (1886).

I. M., Dehra Dhun (Hutton?), Sibsagar, Gauhati (Mein).

Also recorded from Ceylon.

Known as the "Muga."

1560. ANTHERÆA CINGALESA.

Antheræa cingalesa, Moore, Lep. Ceyl. ii, p. 122, pl. 125, figs. 1, 1a, 1b, (1882).

Ceylon.

1561. ANTHERÆA FRITHI.

Antheræa yfrithi, Moore, Proc. Zool. Soc. Lond. 1859, p. 256, pl. 65, fig. 1.

————— Cat. Lep. Mus. E. I. C. ii, p. 396, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).

————— Butler, Ill. Typ. Lep. Het. v, p. 59, pl. 91, fig. 8, (1881).

————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased), Buxa (Moti Ram).

Collection Swinhoe, Darjiling.

1562. ANTHERÆA HELFERI.

Antheræa helferi, Moore, Proc. Zool. Soc. Lond. 1859, p. 257, pl. 64, fig. 2.

————— Cat. Lep. Mus. E. I. C. ii, p. 397, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 527, (1865).

————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (Barnes).

1563. ANTHERÆA MEZANKOORIA.

Antheræa mezankooria, Moore, Wardle's Wild Silks of India, p. 6, (1881).

Assam.

1564. ANTHERÆA MYLITTA.

Phalæna (Attacus) mylitta, Drury, Ill. Exot. Ins. ii, pl. 5, fig. 1, (1773).

Attacus mylitta, Blanch., Jacq. Voy. dans l'Inde, p. 24, pl. 3, figs. 1, 2, (1844).

Bombyx mylitta, Fabr., Syst. Ent. p. 553, 6, (1775).

————— Oliv., Enc. Meth. v, p. 26, 9, pl. 69, fig. 5.*

Phalæna paphia, Cramer, Pap. Exot. ii, pl. 147, figs. A, B, (1777).

————— Roxburgh, Trans. Linn. Soc. Lond. vii, p. 33, (1804).

Antheræa mylitta, Hübn., Verz. Bek. Schmett. p. 152, 1589, (1816).

————— Walker, Cat. Lep. Het. B. M. v, p. 1247, (1855), and vi, p. 1378, (1855).

————— Moore, Wardle's Wild Silks of India, p. 5, pl. 2, figs. 1, 2, (1881).

————— Aurivillius, Sv. Akad. Hand. xix, 5, p. 148, Note, (1882).

ANTHERÆA MYLITTA, —continued.

Antheræa paphia, Moore, Cat. Lep. Mus. E. I. C. ii, p. 385, pl. 19, figs. 1, 1a, (1859).

————— Beavan, Proc. Ent. Soc. Lond. (3) ii, pp. 40-43, (1864-66).

Saturnia mylitta, Westw., Ed. Drury ii, p. 10, pl. 5, fig. 1, (1837)*.

Saturnia paphia, Helfer, Journ. As. Soc. Beng. vi p. 42, (1837).

Saturnia pernyi, Guer., Rev. et Mag. de Zool. 1855, p. 297, pl. 6, fig. 1, var.

————— Zimmermann, Verh. Ver. Hamb. iii, p. 23, (1878)*.

————— Prager, Stett. Ent. Zeit. 3, 9, p. 245, (1878)*.

I. M., Manbhum (Bevan), Hyderabad (Hutton?), Goalpara, Hazaribagh, Calcutta, Naini Tal, Pondicherry (Hutton?), Sylhet, Central India, Sikkim (purchased), Muttra, Palamow, Bhagulpore, Colgong (Hutton?), Berhampore, Sambulpore, Akra (Cleghorn). Besides an hermaphrodite imago and its cocoon, from Chandernagore, (purchased).

Also recorded from Ceylon and China.

Known as the "Tusser."

1565. ANTHERÆA NEBULOSA.

Antheræa nebulosa, Hutton.

————— Moore, Wardle's Wild Silks of India, p. 5, (1881).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 306, and 1886, p. 441.

I. M., Singbhum (Hutton?).

Collection Swinhoe, Assigarh, Satara, Bombay, Poona, Thanna.

Closely allied to *A. mylitta*.

1566. ANTHERÆA PERROTETII.

Bombyx perrottetii, Guer., Mag. Zool. 1843, Ins., pl. 123*.

Antheræa perrottetii, Walker, Cat. Lep. Het. B. M. vi, p. 1379, (1855).

————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

Pondicherry.

1567. ANTHERÆA ROYLEI.

Antheræa roylei, Moore, Proc. Zool. Soc. Lond. 1859, p. 256, pl. 64, fig. 1.

————— Cat. Lep. Mus. E. I. C. ii, p. 397, (1859).

————— Walker, Cat. Lep. Het. B. M. xxxii, p. 627, (1865).

————— Moore, Wardle's Wild Silks of India, p. 6, pl. 7, fig. 1, (1881).

I. M., Mussooree (Hutton?), Sikkim, Khasi Hills (Chennel).

Collection Swinhoe, Darjiling.

1568. ANTHERÆA SIMPLICIA.

Antheræa simplicia, Massen & Weymer, Beitr. zur Schmett., pt. ii, p. 20, (1872)*.

E. Indies.

Genus *Salassa*.1569. *SALASSA LOLA*.

Saturnia lola, Westw., Cab. Or. Ent., p. 25, pl. 12, fig. 3, (1848).

Antheræa lola, Walker, Cat. Lep. Het. B. M. v, p. 1252, (1855).

Salassa lola, Moore, Wardle's Wild Silks of India, p. 6, (1881).

————— Moore, Proc. Zool. Soc. Lond. 1859, p. 246.

Collection Swinhoe, Darjiling.

Also recorded from Sylhet.

Genus *Caligula*.1570. *CALIGULA CACHARA*.

Caligula cachara, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.

————— Wardle's Wild Silks of India, p. 6, (1881).

Cachar.

1571. *CALIGULA SIMLA*.

Saturnia simla, Westw., Cab. Or. Ent., p. 41, pl. 20, fig. 1, (1848).

Antheræa simla, Walker, Cat. Lep. Het. B. M. v, p. 1249, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 399, (1859).

Caligula simla, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Simla (DeNiceville), Mussooree (Hutton?), Khasi Hills.

Collection Swinhoe, Simla, Kashmir.

1572. *CALIGULA THIBETA*.

Saturnia thibeta, Westw., Proc. Zool. Soc. Lond. 1853, p. 166.

————— Ann. Nat. Hist. (2), xv, p. 302, (1855).

Antheræa thibeta, Walker, Cat. Lep. Het. B. M. v, p. 1250, (1855).

Caligula thibeta, Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

————— Wardle's Wild Silks of India, p. 6, (1881).

Darjiling, Thibet.

Closely allied to *C. simla*.

Genus *Rinaca*.1573. *RINACA EXTENSA*.

Rinaca extensa, Butler, Ill. Typ. Lep. Het. v, p. 61, pl. 94, fig. 2, (1881).

Darjiling.

1574. *RINACA ZULEIKA*.

Saturnia zuleika, Hope, Trans. Linn. Soc. Lond. xix, p. 132, pl. 11, fig. 5, (1845).

Rinaca zuleika, Walker, Cat. Lep. Het. B. M. vi, p. 1275, (1855).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 684.

————— Massen & Weymer, Beitr. Zur Schmett. ii, fig. 24, (1872).*

————— Moore, Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).

Collection Swinhoe, Simla, Darjiling.

Also recorded from Sylhet.

Genus *Rhodia*.1575. *RHODIA NEWARA*.

Rhodia newara, Moore, Proc. Zool. Soc. Lond. 1872, p. 578.
 ———— Wardle's Wild Silks of India, p. 6, (1881).

I. M., Sikkim (purchased).
 Also recorded from Nepal.

Genus *Brahmæa*.1576. *BRAHMÆA CÆRTHIA*.

Bombyx cærthia, Fab., Ent. Syst. iii, i, p. 412, 16, (1793).

I. M., Sikkim (purchased), Shillong.
 Collection Swinhoe, Darjiling.

1577. *BRAHMÆA CONCHIFFERA*.

Brahmæa conchifera, Butler, Ann. Mag. N. H. (5), v, p. 188, (1880).
 ———— Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs 3, 4,
 1881).

Brahmæa cærthia, Walker, (nec), Fabricius) Cat. Lep. Het. B. M. vi, p.
 1316, (1855).

————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 410, (1859).
 ———— Butler, Proc. Zool. Soc. Lond. 1866, p. 118, fig 1.
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.

Sylhet, Darjiling.

1578. *BRAHMÆA RUFESCENS*.

Brahmæa rufescens, Butler, Ann. Mag. N. H. (5), vi, p. 62, (1880).
 N.-E. Bengal.

1579. *BRAHMÆA WALLICHII*.

Brahmæa wallichii, Gray, Zool. Misc., p. 39, (1832).*
 ———— Lep. Ins. Nepal., pls. 15, 16, (1833).*
Bombyx spectabilis, Hope, Trans. Linn. Soc. Lond. xviii, p. 443, pl. 31, fig.
 3, (1841).
Brahmæa wallichii, Butler, Ill. Typ. Lep. Het. v, p. 63, pl. 95, figs. 5, 6,
 (1881).
 Assam, Nepal.

1580. *BRAHMÆA WHITEI*.

Brahmæa whitei, Butler, Proc. Zool. Soc. Lond. 1866, p. 119, fig. 2.
 ———— Massen and Weymer, Beitr. zur. Schmett. pt. ii, fig. 17,
 (1872).*
 ———— Butler, Ill. Typ. Lep. Het. v, p. 62, pl. 95, figs. 1, 2,
 (1881).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 685.
Brahmæa hearseyi, White, Proc. Ent. Soc. Lond. (3), i, p. 26, (1862-64).
 N.-W. India.

FAMILY COSSIDÆ.

Genus *Cossus*.1581. *COSSUS ABRUPTUS*.

Cossus abruptus, Walker, Cat. Lep. Het. B. M. xxxii, p. 584, (1865).
India.

1582. *COSSUS CADAMBÆ*.

Cossus cadambæ, Moore, Proc. Zool. Soc. Lond. 1865, p. 822.
Calcutta.

1583. *COSSUS CASHMIRENSIS*.

Cossus cashmirensis, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).
Kashmir.

Genus *Zeuzera*.1584. *ZEUZERA ACRONYCTOIDES*.

Brachylia acronyctoides, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl.
34, fig. 4
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515;
1885, p. 306; and 1886, p. 441.
Collection Swinhoe, Karachi, Mhow, Bombay.

1585. *ZEUZERA ALBOFASCIATA*.

Zenzera (sic) *albofasciata*, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).
Darjiling.

1586. *ZEUZERA ASYLAS*.

Phalæna asylas, Cramer, Pap. Exot. ii, p. 62, pl. 137, fig. C, (1777).
Hepialus scalaris, Fabr., Sp. Ins. ii, p. 208, 4, (1781).
Mant. Ins. ii, p. 136, 7, 1787).
Cossus scalaris, Fabr., Ent. Syst. iii, 2, p. 5, 5. (1794).
Morpheus scalaris, Hübn., Verz. Bek. Schmett., p. 196, 2005, (1816).
Zeuzera scalaris, Donov., Ins. India, p. 83, pl. 53, fig. 2, (1839).
Zeuzera asylas, Walker, Cat. Lep. Het. B. M. vii, p. 1588, (1856).
India, China.
I. M., Sikkim (Peters), Kulu (purchased).

1587. *ZEUZERA BIVITTATA*.

Zeuzera bivittata, Walker, Cat. Lep. Het. B. M. xxxii, p. 586, (1865).
Collection Swinhoe, Karachi.

1588. *ZEUZERA COFFÆÆ*.

Zenzera (sic) *coffææ*, Neitner, Obs. Enemies of Coffee in Ceylon, p. 21,
(1861).
Zeuzera coffææ Moore, Lep. Ceyl. ii, p. 154, p. 143, figs. 1, 1a, 1b,
(1882).
I. M., Cachar (Wood-Mason).
Also recorded from Ceylon.

1589. ZEUZERA CONFERTA.

Zeuzera conferta, Walker, Cat. Lep. Het. B. M. vii, p. 1536, (1856).

Zenzera (sic) *conferta*, Moore, Proc. Zool. Soc. Lond. 1867, p. 686.

Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 10, (1886).

Sylhet.

1590. ZEUZERA INDICA.

Zeuzera indica, Herr Schaffer, Lep. Exot. Spec. Nov. 1854, fig. 166.*

Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1859).

Zeuzera paucipunctata, Walker, Cat. Lep. Het. B. 17 vii, p. 1537, (1856).

Zenzera (sic) *paucipunctata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.

I. M., Sikkim (purchased).

Collection Swinhoe, Simla, Sikkim.

Also recorded from Sylhet.

1591. ZEUZERA LEUCONOTA.

Zeuzera leuconota, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1859).

Zenzera (sic) *leuconota*, Proc. Zool. Soc. Lond. 1867, p. 685.

Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 108, figs. 1, 2, (1886).

Hinnaya leuconota, Moore, Lep. Ceyl. ii, p. 152, pl. 143, figs. 3, 3a, (1882).

I. M., Sikkim, Simla, Calcutta (Thomas).

Collection Swinhoe, Simla.

Also recorded from Sylhet and Ceylon.

1592. ZEUZERA MINEUS.

Phalæna (*Bombyx*) *mineus*, Cramer, Pap. Exot. ii, pl. 131, fig. D, (1777).

Chalvridica minea, Hübner, Verz. Bek. Schmett., p. 197, 2011, (1816).

Zeuzera minea, Donovan, Ins. Ind., p. 82, pl. 53, fig. 1, (1838).

Zeuzera mineus, Walker, Cat. Lep. Het. B. M. vii, p. 1535, (1856).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 436, (1855).

Zeuzera viridicans, Eschscholtz, Kotz. Reise, p. 216, fig. 29.*

I. M., Sylhet, Calcutta, Sikkim.

Collection Swinhoe, India.

Also recorded from Manilla and Java.

1593. ZEUZERA MULTISTRIGATA.

Zenzera (sic) *multistrigata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 327.

Zeuzera indica, Walker, (nec Herr Schaff.), Cat. Lep. Het. B. M. vii, p. 1536, (1856).

Darjiling.

1594. ZEUZERA NIGRA.

Zenzera (sic) *nigra*, Moore, Ann. Mag. N. H. (4), xx, p. 348, (1877).

Zeuzera nigra, Moore, Lep. Ceyl. ii, p. 155, pl. 143, figs. 2, 2a, (1882).

Ceylon.

1595. ZEUZERA PARDICOLOR.

Zensera (sic) *pardicolor*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Darjiling.

1596. ZEUZERA PUSILLA.

Zeuzera pusilla, Walker, Cat. Lep. Het. vii, p. 1538, (1856).

Zenzera (sic) *pusilla*, Butler, Ill. Typ. Lep. Het. vi, p. 28, pl. 107, fig. 9, (1886).

I. M., Bangalore.

1597. ZEUZERA SIGNATA.

Zeuzera signata, Walker, Cat. Lep. Het. B. M. vii, p. 1537, (1856).

N. India.

1598. ZEUZERA STIGMATICA.

Zenzera (sic) *stigmatica*, Moore, Descr. Ind. Lep. Atk. i, p. 86, (1879).

Darjiling.

Genus *Duomitus*.

1599. DUOMITUS LIGNEUS.

Duomitus ligneus, Butler, Ann. Mag. N. H. (5), vi, p. 68, (1880).

Ill. Typ. Lep. Het. vi, p. 29, pl. 108, fig. 3, (1886).

I. M., Sikkim (purchased).

Also recorded from Nias.

Genus *Phragmatæcia*.

1600. PHRAGMATÆCIA FÆDA.

Phragmatæcia fæda, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 515, pl. 47, fig. 1.

Collection Swinhoe, Karachi.

1601. PHRAGMATÆCIA MINOR.

Phragmatæcia minor, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.

Collection Swinhoe, Mhow.

Also recorded from Sylhet.

1602. PHRAGMATÆCIA SACCHARUM.

Phragmatæcia saccharum, Moore, Descr. Ind. Lep. Atk. i, p. 87, (1879).

Darjiling.

Genus *Arbela*.1603. *ARBELA* *QUADRINOTATA*.*Cossus quatuornotatus*, Walker, Cat. Lep. Het. B. M. vii, p. 1521, (1856).*Arbela quadrinotata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.

Lep. Ceyl. ii, p. 155, pl. 143, fig. 3, (1882).

Ceylon.

1604. *ARBELA* *TESSELLATA*.*Cossus tessellatus*, Moore, Descr. Ind. Lep. Atk. i, p. 85, (1879).*Arbela tessellata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 411.

Calcutta.

1605. *ARBELA* *TETRAONIS*.*Arbela tetraonis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 411, pl. 34, fig. 3.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.

Collection Swinhoe, Poona

Also recorded from Bombay.

FAMILY HEPIALIDÆ.

Genus *Hepialus*.1606. *HEPIALUS* *INDICUS*.*Hepialus indicus*, Walker, Cat. Lep. Het. B. M. vii, p. 1558, (1865).

I. M., Simla, Sibsagar.

Collection Swinhoe, Solun.

1607. *HEPIALUS* *MARCIDUS*.*Hepialus marcidus*, Butler, Ann. Mag. N. H. (5), vi, p. 69, (1880).Ill. Typ. Lep. Het. vi, p. 29, pl. 108, figs. 4, 5,
(1886).

Darjiling.

1608. *HEPIALUS* *MURINUS*.*Hepialus murinus*, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.

Dharmasala.

1609. *HEPIALUS* *NEPALENSIS*.*Hepialus nepalensis*, Walker, Cat. Lep. Het. B. M. vii, p. 1557, (1865).

Moore, Cat. Lep. Mus. E. I. C. ii, p. 438, (1869).

Proc. Zool. Soc. Lond. 1867, p. 686.

Nepal, Sikkim.

1610. *HEPIALUS PAUPERATUS*.

Hepialus pauperatus, Walker, Cat. Lep. Het. B. M. xxvii, p. 593, (1865).
Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 108, figs.
6, 7, (1886).

India.

I. M., Kulu (Young).

1611. *HEPIALUS SEXNOTATUS*.

Hepialus sexnotatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413.

Darjiling.

1612. *HEPIALUS TAVOYANUS*.

Hepialus tavoyanus, Moore, Journ. As. Soc. Beng. (55), 2, i, p. 98, (1886).

I. M., Tavoy (Type—Moti Ram).

1613. *HEPIALUS UMBRINUS*.

Hepialus umbrinus, Moore, Descr. Ind. Lep. Atk. i, p. 88, (1879).

Darjiling.

Genus *Gorgopis*.

1614. *GORGOPIS VILIS*.

Gorgopis vilis, Walker, Cat. Lep. Het. B. M. xxxii, p. 596, (1865).

N. India.

Genus *Phassus*.

1615. *PHASSUS ABÖE*.

Phassus aböe, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1851).

Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 1, (1886).

Darjiling.

1616. *PHASSUS ALBOFASCIATUS*.

Phassus albofasciatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 413, pl. 34,
fig. 8.

Nilgiri Hills.

1617. *PHASSUS CHALYBEATUS*.

Phassus chalybeatus, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.

Darjiling.

1618. *PHASSUS DAMOR*.

Phassus damor, Moore, Cat. Lep. Mus. E. I. C. ii, p. 437, (1851).

Butler, Ill. Typ. Lep. Het. vi, p. 31, pl. 109, fig. 2, (1886).

Darjiling.

1619. PHASSUS MALABARICUS.

Phassus malabaricus, Moore, Proc. Zool. Soc. Lond. 1879, p. 412.

Kanara, Ootacamand.

1620. PHASSUS PURPURESCENS.

Phassus purpurescens, Moore, Lep. Ceyl. ii, p. 156, pl. 143, fig. 4, (1882).

I. M., Perak (purchased).

Also recorded from Ceylon.

1621. PHASSUS SALSETTENSIS.

Phassus salsettensis, Moore, Proc. Zool. Soc. Lond. 1879, p. 412, pl. 34;
fig. 5.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 307.

Collection Swinhoe, Poona.

Also recorded from Bombay.

1622. PHASSUS SIGNIFER.

Phassus signifer, Walker, Cat. Lep. Het. B. M. vii, p. 1568, (1856).

———— Butler, Ill. Typ. Lep. Het. vi, p. 30, pl. 109, fig. 2, (1886).

Sylhet, Ceylon, Borneo.

1623. PHASSUS UNDULIFERA.

Phassus undulifera, Walker, Char. Undescr Lep. Het. p. 102, (1869).

Benares.

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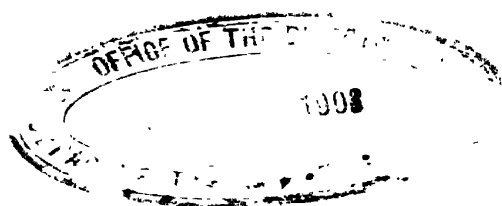
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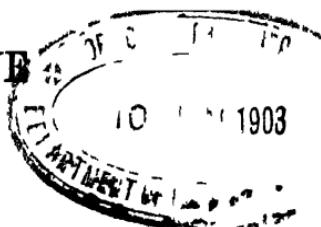
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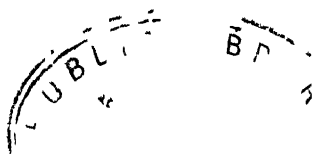


A
CATALOGUE
OF
THE MOTHS OF INDIA,



COMPILED BY
E. C. COTES,
FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,
AND
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Pt. III.—NOCTUES, PSEUDO-DELTOIDES, AND DELTOIDES.



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**References marked with an Asterisk (*) have not been
verified by the compilers.**

GROUP NOCTUES.

FAMILY CYMATOPHORIDÆ.

Genus *Thyatira*.

1624. *THYATIRA BATIS*.

- Phalæna (Noctua) batis*, Linn., Syst. Nat. Tom. i, pt. v, p. 2546, No. 97.
Faun. Suec., p. 308, No. 1158, (1761).
Noctua batis, Fabr., Sp. Ins. ii, p. 216, No. 42, (1781).
Mant. Ins. ii, p. 141, No. 56, (1787).
Ent. Syst. iii, 2, p. 30, No. 73, (1794).
Esper., Schmett iv, pl. 86, figs. 6-8; and pl. 103, figs. 7-9.*
Bork., Eur. Schmett iv, 159, 65.*
Hüb., Eur. Schmett. Noct. 4, pl. 62, (1806-18).
Strophia batis, Treit., Schmett Eur. 2, 162, 1.*
Thyatira batis, Hüb., Verz. Bek. Schmett, p. 236, No. 2355, (1816).
Dup., Hist. Nat. Lep. France, vii, p. 46, pl. 103, fig. 3.*
Curtis, Brit. Ent. ii, pl. 12.*
Steph., Ill. Brit. Ent. Haust. iii, 48, 2.*
Boisd., Ind. Meth., p. 130, No. 1041, (1840).
Herrich Schäffer, Eur. Schmett. ii, 170, 9.*
Moore, Proc. Zool. Soc. Lond. 1867, p. 45.

I. M., Kulu (Young), Sikkim (purchased).

Collection Swinhoe, Simla.

Also recorded from Europe.

1625. *THYATIRA DECORATA*.

- Thyatira decorata*, Moore, Proc. Zool. Soc. Lond. 1891, p. 328, pl. 37,
fig. 1.
Deser. Ind. Lep. Atk. ii, p. 89, (1882).

Darjiling.

Genus *Saronaga*.

1626. *SARONAGA ALBICOSTA*.

- Thyatira albicosta*, Moore, Proc. Zool. Soc. Lond. 1867, p. 45.
Saronaga albicosta, Moore, Proc. Zool. Soc. Lond. 1891, p. 330.

Darjiling.

Genus *Gaurena*.

1627. *GAURENA FLORENS*.

- Gaurena florens*, Walker, Cat. Lep. Het. B. M. xxxii, p. 620, (1865); and
xxxv, p. 1953, (1866).
Moore, Proc. Zool. Soc. Lond. 1867, p. 47.
Thyatira florens, Butler, Ill. Typ. Lep. Het., pt. vi, p. 31, pl. 109, fig. 4,
(1886).

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1628. *GAURENA FLORESCENS*.

Gaurena florescens, Walker, Cat. Lep. Het. B. M. xxxii, p. 620, (1865)
and 1963, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 47.

Thyatira florescens, Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 32, pl. 109,
fig. 5, (1886).

I. M., Sikkim.

Genus *Habrosyne*.1629. *HABROSYNE ARMATA*.

Habrosyne armata, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).
Khasi Hills.

1630. *HABROSYNE INDICA*.

Gonophora indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 44.

Waterhouse, Aid. i, pl. 9, (1880-82).

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1631. *HABROSYNE PLAGIOSA*.

Habrosyne plagiosa, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).
Collection Swinhoe, Darjiling.

1632. *HABROSYNE SANGUINEA*.

Habrosyne sanguinea, Moore, Descr. Ind. Lep. Atk. ii, p. 90, (1882).
Darjiling.

Genus *Risoba*.1633. *RISOBA BASALIS*.

Risoba basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 91, (1882).
Cherrapunji, Sikkim.

1634. *RISOBA CONFLUENS*.

Risoba confluens, Moore, Descr. Lep. Atk. ii, p. 92, (1882).
Darjiling.

1635. *RISOBA DIVERSIPENNIS*.

Heliothis diversipennis, Walker, Cat. Lep. Het. B. M. xv, p. 1750, (1858).

Risoba diversipennis, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.

Malacca, Singapore, North India.

1636. *RISOBA LITERATA*.

Risoba literata, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.
Nilgiri Hills.

1637. *RISOBA OBSTRUCTA.*

Bolina obstructa, Walker, MS.

Risoba obstructa, Moore, Proc. Zool. Soc. Lond. 1881, p. 328.

— Lep. Ceyl. iii, p. 2, pl. 144, figs. 2, 2a, 2b, (1864).

— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

Collection Swinhoe, Mhow.

Also recorded from Calcutta and Ceylon.

1638. *RISOBA PROMINENS.*

Risoba prominens, Moore, Proc. Zool. Soc. Lond. 1881, p. 329.

Khasi Hills, Malacca.

1639. *RISOBA REPUGNANS.*

Thyatira repugnans, Walker, Cat. Lep. Het. B. M. ix, p. 9, (1856).

Risoba repugnans, Moore, Proc. Zool. Soc. Lond. 1881, p. 328.

Lep. Ceyl., vol. iii, p. 1, pl. 144, fig. 1, (1884).

Collection Swinhoe, Ceylon.

Also recorded from North India.

1640. *RISOBA VIALIS.*

Bisoba vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 91, pl. 4, fig. 1, (1882).

Darjiling.

Genus Kerala.

1641. KERALA MULTIPUNCTATA.

Kerala multipunctata, Moore, Descr. Ind. Lep. Atk. ii, p. 93, pl. 4 fig., (1882).

Darjiling.

1642. KERALA PUNCTILINEATA.

Kerala punctilineata, Moore, Proc. Zool. Soc. Lond. 1881, p. 330.

Deser. Ind. Lep. Atk. ii, p. 92, (1882).

Darjiling.

Collection Swinhoe, Sikkim.

Genus Palimpsestis.

1643. PALIMPSESTIS ALTERNATA.

Palimpsestis alternata, Moore, Proc. Zool. Soc. Lond. 1881, p. 331, pl. 37, fig. 2.

Descr. Ind. Lep. Atk. ii, p. 93, (1882).

Darjiling.

Allied to *P. ocularis* of Europe.

1644. PALIMPSESTIS CUPRINA.

Palimpsestis cuprina, Moore, Proc. Zool. Soc. Lond. 1881, p. 331, pl. 37, fig. 3.

Deser. Ind. Lep. Atk. ii, p. 93, (1882).

Darjiling.

Genus *Pitrasa*.1645. *PITRASA VARIEGATA*.

Pitrasa variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 94, pl. 4, fig. 2,
(1882).

Darjiling.

1646. *PITRASA VITELLINA*.

Pitrasa vitellina, Moore, Descr. Ind. Lep. Atk. ii, p. 94, pl. 4, fig. 3, (1882).

Darjiling.

Genus *Tydracona*.1647. *TYDRACONA OBLIQUA*.

Tydracona obliqua Moore, Descr. Ind. Lep. Atk. ii, p. 95, (1882).

Cherrapunji, Darjiling.

1648. *TYDRACONA TRANSVERSA*.

Tydracona transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 95, pl. 4, fig. 5,
(1882).

Darjiling.

Genus *Sydiva*.1649. *SYDIVA NIGROGRISEA*.

Sydiva nigrogrisea, Moore, Descr. Ind. Lep. Atk. ii, p. 96, (1882).

Darjiling.

Genus *Osica*.1650. *OSICA UNDULATA*.

Osica undulata, Moore, Proc. Zool. Soc. London, 1867, p. 45.

Bengal.

Genus *Lazanda*.1651. *LAZANDA FASCIATA*.

Lazanda fasciata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 606, (1865).

India.

FAMILY LEUCANIIDÆ.

Genus *Auchmis*.1652. *AUCHMIS SIKKIMENSIS*.

Auchmis sikkimensis, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig 15.

Walker, Cat. Lep. Het. B. M. xxv, p. 1961, (1866).

Waterhouse, Aid. i, pl. 10, (1880-82).

I. M., Kulu (Young), Sikkim, Khasi Hills, Ootacamund (Davison).

Collection Swinhoe, Kasauli, Nilgiri Hills, Thundiani (Punjab).

Genus *Sesamia*.1653. *SESAMIA FRATERNA*.

Sesamia fraterna, Moore, Descr. Ind. Lep. Atk. ii, p. 103, (1882).

Allied to *S. proscripta* and *S. inferens*.

Dharmsala.

1654. *SESAMIA INFERENS*.

Leucania inferens, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Sesamia inferens, Moore, Lep. Ceyl. iii, p. 8, pl. 145, fig. 3, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447; and 1886, p. 441.

Collection Swinhoe, Bombay, Hydrabad (Sind).

Also recorded from Ceylon and Mhow.

1655. *SESAMIA PROSCRIPTA*.

Leucania proscripta, Walker, Cat. Lep. Het., ix, p. 106, (1856).

Butler, Ann. Mag. N. H. (5), xviii, p. 190, (1886).

East Indies, Upper Burma.

Genus *Leucania*.1656. *LEUCANIA ABDOMINALIS*.

Leucania abdominalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 338.

Collection Swinhoe, Dharmsala, and Khandalla.

Also recorded from Bengal.

1657. *LEUCANIA ADUSTA*.

Leucania adusta, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.

Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Manpuri, Darjiling, Khasi Hills.

1658. *LEUCANIA ALBICOSTA*.

Leucania albicosta, Moore, Proc. Zool. Soc. Lond. 1881, p. 338, pl. 37, fig. 10.

Descr. Ind. Lep. Atk. ii, p. 102, (1882).

Darjiling.

Allied to *L. dharmia*.

1659. *LEUCANIA ALBISTIGMA*.

Leucania albistigma, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 9.

Descr. Ind. Lep. Atk. ii, p. 101, (1882).

Darjiling.

1660. *LEUCANIA BISTRIGATA*.

Leucania bistrigata, Moore, Proc. Zool. Soc. Lond. 1881, p. 334, pl. 37, fig. 18.

Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Darjiling.

Allied to *L. decisissima*.

1661. *LEUCANIA BYSSINA*.

Leucania byssina, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442, pl. 40, fig. 6.

Collection Swinhoe, Mhow.

1662. *LEUCANIA CANARAICA*.

Leucania canaraica, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

Canara.

1663. *LEUCANIA COLLECTA*.

Leucania collecta, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).

Butler, Proc. Zool. Soc. Lond. 1886, p. 379.

Ann. Mag. N. H. (5), xviii, p. 189, (1886).

Punjab, Campbellpore, Upper Burma.

1664. *LEUCANIA COMPTA*.

Leucania compta, Moore, Proc. Zool. Soc. Lond. 1881, p. 336, pl. 37, fig. 8.

Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Pudda river.

1665. *LEUCANIA CONSIMILIS*.

Leucania consimilis, Moore, Proc. Zool. Soc. Lond. 1881, p. 336, pl. 37, fig. 19.

Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Collection Swinhoe, Solun.

Also recorded from Sikkim.

Allied to *L. decisissima*.

1666. *LEUCANIA COSTALIS*.

Leucania costalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 603, pl. 59, fig. 11.

Andaman Is., Malabar, Sikkim.

1667. *LEUCANIA DECISISSIMA*.

Leucania decisissima, Walker, Cat. Lep. Het. B. M. xxxii, p. 624, (1865).

Lexcania decisima (sic) Moore, Proc. Zool. Soc. Lond. 1867, p. 48.

Lep. Ceyl. iii, p. 10, (1884).

Butler, Ill. Typ. Lep. Het. vi, p. 32, pl. 109, fig. 6, (1886).

Leucania nareda, Felder & B. Reise, Nov. Lep., pl. 109, fig. 9, (1864-75).

I. M., Sibsagar (Peal), Sikkim, Andaman Is. (De Roepstorff).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet and Ceylon.

1668. *LEUCANIA DENOTATA*.

Leucania denotata, Walker, Cat. Lep. Het., ix, p. 107, (1856).
North India.

1669. *LEUCANIA DESIGNATA*.

Leucania designata, Walker, Cat. Lep. Het., ix, p. 107, (1856); and xxxh,
p. 623, (1865).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 48.
Cadara.

1670. *LEUCANIA DHARMA*.

Leucania dharmā, Moore, Proc. Zool. Soc. Lond. 1881, p. 338, pl. 37, fig. 17.
————— Descr. Ind. Lep. Atk. ii, p. 101, (1882).
Darjiling.

1671. *LEUCANIA EXEMPTA*.

Leucania exempta, Walker, Cat. Lep. Het. B. M., xi, p. 710, (1857).
————— Moore, Lep. Ceyl. iii, p. 11, (1884).
Ceylon.

1672. *LEUCANIA EXSANGUIS*.

Leucania exsanguis, Guén. Noct. i, p. 83.*
————— Walker, Cat. Lep. Het. B. M. ix, p. 104, (1856).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 47.
I. M., Kulu (Young).
Collection Swinhoe, Simla.
Also recorded from Sylhet and Java.

1673. *LEUCANIA EXTERIOR*.

Leucania exterior, Walker, Cat. Lep. Het. B. M. ix, p. 106, (1856); and
xi, p. 710, (1857).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 48.
Punjab, West Indian Islands.

1674. *LEUCANIA EXTRANEA*.

Leucania extranea, Guén. Noct. i, 77, No. 104.*
————— Walker, Cat. Lep. Het. B. M., ix, p. 93, (1856); and
xi, p. 710, (1857).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 447.
————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447; and
1886, p. 441.
————— Butler, Proc. Zool. Soc. London, 1886, p. 379.
Leucania separata, Walker, Cat. Lep. Het. B. M. xxxii, p. 626, (1865).
————— Moore, Lep. Ceyl. iii, p. 9, (1884).
I. M., Khasi Hills, Sibsagar, Kulu (Young), Shillong.
Collection Swinhoe, Kasauli, Sikkim, Simla, Mhow, Poona,
Bombay.
Also recorded from America, New Zealand, Australia, China,
and all parts of India.

1675. *LEUCANIA GRISEOFASCIATA.*

Leucania griseofasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.
Dalhousie.

1676. *LEUCANIA HAMIFERA.*

Leucania hamifera, Walker, Journ. Linn. Soc. vi. p. 179, (1862).
Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 33, pl.
109, fig. 7, (1886).

Leucania exsanguis, var. (P), Walker (nec Guén.), Cat. Lep. Het. B. M. ix,
p. 104, (1856).

North India, Sarawak, Borneo.

1677. *LEUCANIA HOWRA.*

Leucania howra, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37, fig. 16.
Descr. Ind. Lep. Akt. ii, p. 101, (1882).

Calcutta.

1678. *LEUCANIA LANCEATA.*

Leucania lanceata, Moore, Proc. Zool. Soc. Lond. 1881, p. 340.
Lep. Ceyl. iii, p. 10, pl. 145, fig. 5, (1884).

Ceylon.

Allied to *L. decisissima*.

1679. *LEUCANIA LINEATIPES.*

Leucania lineatipes, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.

Cherrapunji.

Allied to *L. impura* of Europe.

1680. *LEUCANIA LOREYI.*

Leucania loreyi, Dup., Hist. Nat. Lep. Fr. iv, p. 81, pl. 105, fig. 7, (1827).*

— Frey, Neu Beitr. Schm. iv, pl. 413.*

— Boisd., Ind. Meth. 133, 1060.

— Guén., Ann. Soc. Ent. Fr. vi, p. 341, (1837).*

— Noct. i, 84, 121.*

— Herr Schaff., Eur. Schm. ii, 233, 155*.

— Noct. ii, pl. 61, fig. 309, and pl. 62, fig.
314.*

— Walker, Cat. Lep. Het. B. M. ix, p. 84, (1856).

— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

— Ann. Mag. N. H. (5), 9, p. 210, (1882).

— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 616, and 1885,
p. 447.

— Trans. Ent. Soc. Lond. 1885, p. 347.

I. M., Solun (Swinhoe), Kulu (Young), Karachi (Swinhoe).

Collection Swinhoe, Solun, Karachi, Somara, Sikkim, Quetta,
Poona, Bombay.

Also recorded from Europe.

1681. *LEUCANIA MODESTA*.

Leucania modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 335, pl. 37,
fig. 11.

————— Descr. Ind. Lep. Atk. ii, p. 99, (1882).

Darjiling.

1682. *LEUCANIA NAINICA*.

Leucania nainica, Moore, Proc. Zool. Soc. Lond. 1881, p. 337, pl. 37,
fig. 15.

————— Descr. Ind. Lep. Atk. ii, p. 100, (1882).

Naini Tal.

1683. *LEUCANIA NIGRILINEOSA*.

Leucania nigrilineosa, Moore, Descr. Ind. Lep. Atk. ii, p. 103, (1882).

Khasi Hills.

1684. *LEUCANIA PENICILLATA*.

Leucania penicillata, Moore, Proc. Zool. Soc. Lond. 1881, p. 335.

————— Butler, Proc. Zool. Soc. Lond. 1883, p. 157.

I. M., Kulu (Young), Darbhanga (Maries).

Collection Swinhoe, Solun, Nilgiri Hills.

Allied to *L. bistrigata*.

1685. *LEUCANIA PERCISA*.

Leucania percisa, Moore, MS.

————— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Solun.

1686. *LEUCANIA POLEMUSA*.

Leucania polemusa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447, pl. 27,
fig. 1.

I. M., Khandalla (Swinhoe).

Collection Swinhoe, Poona, Bombay, Khandalla.

Allied to *L. decisissima*.

1687. *LEUCANIA PRISCA*.

Leucania prisca, Walker, Cat. Lep. Het. xxxv, p. 1953, (1866).

————— Moore, Lep. Ceyl. iii, p. 10, (1884).

Ceylon.

1688. *LEUCANIA PROMINENS*.

Leucania prominens, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

Darjiling, Cherrapunji.

1689. *LEUCANIA PULCHERRIMA*.

Leucania pulcherrima, Moore, Proc. Zool. Soc. Lond. 1867, p. 48, pl. 6,
fig. 7.

Walker, Cat. Lep. Het. xxxv, p. 1953, (1866).

Collection Swinhoe, Sikkim.

1690. *LEUCANIA RUFESCENS*.

Leucania rufescens, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882).

Darjiling.

1691. *LEUCANIA RUFISTRIGOSA*.

Leucania rufistrigosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 337.

Butler, Proc. Zool. Soc. Lond. 1883, p. 168.

Collection Swinhoe, Umballa.

Allied to *L. dharmia*.

1692. *LEUCANIA SEJUNCTA*.

Leucania sejuncta, Walker, Cat. Lep. Het. B. M., ix, p. 109, (1856).

India.

1693. *LEUCANIA SINUOSA*.

Leucania sinuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882).

Darjiling.

1694. *LEUCANIA SUBSIGNATA*.

Leucania subsignata, Moore, Proc. Zool. Soc. Lond. 1881, p. 336.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.

I. M., Kulu, (Young).

Collection Swinhoe, Bombay, Solun.

1695. *LEUCANIA TANGALA*.

Leucania tangala, Felder & R. Reise, Novara, pl. 109, fig. 12, (1864-75).

Moore, Lep. Ceyl. iii, p. 11, (1884).

I. M., Ceylon (Colombo Museum).

1696. *LEUCANIA THORACICA*.

Leucania thoracica, Walker, Cat. Lep. Het. B. M., ix, p. 106, (1856), and
xxxii, p. 623, (1866).

Deccan.

1697. *LEUCANIA UNIFORMIS*.

Leucania uniformis, Moore, Proc. Zool. Soc. Lond. 1881, p. 339.

N.-W. Himalayas.

1698. *LEUCANIA VENALBA*.

Leucania venalba, Moore, Proc. Zool. Soc. Lond. 1867, p. 48.
Bengal.

Genus *Arcilasisa*.1699. *ARCILASISA SOBRIA*.

Arcilasisa sobria, Walker, Cat. Lep. Het. xxxii, p. 470, (1865).
I. M., Kulu (Young), Sikkim.
Collection Swinhoe, Sikkim.
Also recorded from South India.

Genus *Borolia*.1700. *BOROLIA FASCIATA*.

Borolia fasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 334, pl. 37, fig. 12.
Descr. Ind. Lep. Atk. ii, p. 98, (1882).
Sikkim.

1701. *BOROLIA FURCIFERA*.

Borolia furcifera, Moore, Descr. Ind. Lep. Atk. ii, p. 98, pl. 4, fig. 16,
(1882).
Darjiling.

Genus *Aletia*.1702. *ALETIA ALBICOSTA*.

Aletia albicosta, Moore, Descr. Ind. Lep. Atk. ii, p. 97, (1882).
Darjiling, Gurhwal, Dharmsala.
Allied to *A. lithargyria* of Europe.

1703. *ALETIA ANGULIFERA*.

Aletia angulifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 333.
Descr. Ind. Lep. Atk. ii, p. 96, (1882).
N.-W. Himalayas, Cashmir, Sind.
Allied to *A. conigera* of Europe.

1704. *ALETIA CERVINA*.

Mythimna cervina, Moore, Proc. Zool. Soc. Lond. 1867, p. 47, pl. 6, fig. 18.
Bengal.

1705. *ALETIA DISTINCTA*.

Aletia distincta, Moore, Proc. Zool. Soc. Lond. 1881, p. 333, pl. 37, fig. 4.
Descr. Ind. Lep. Atk. ii, p. 97, (1882).
Darjiling.
Allied to *A. vitellina* of Europe.

1706. ALETIA OBSCURA.

Aletia obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 97, (1882).

Darjiling.

Allied to *A. lithargyria* of Europe.

1707. ALETIA REVERSA.

Aletia reversa, Moore, Lep. Ceyl. iii, p. 6, pl. 144, fig. 5, (1884).

Ceylon.

1708. ALETIA RUDIS.

Aletia rudis, Moore, MS.

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Solun.

Genus **Arsilonche**.

1709. ARSILONCHE CONFUSA.

Leucania confusa, Walker, Cat. Lep. Het. B. M., ix, p. 105, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 48.

Arsilonche confusa, Moore, Lep. Ceyl. iii, p. 9, pl. 145, fig. 4, (1884).

Ceylon.

1710. ARSILONCHE CONSPERSA.

Simyra conspersa, Moore, Proc. Zool. Soc. Lond. 1881, p. 340.

Ind. Lep. Atk. ii, p. 103, (1882).

Manpuri, Calcutta.

Allied to *A. confusa*.

Genus **Axylia**.

1711. AXYLIA ALBIVENA.

Axylia albivena, Moore, Proc. Zool. Soc. Lond. 1881, p. 342.

Collection Swinhoe, Solun.

1712. AXYLIA FASCIATA.

Axylia fasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.

Lep. Ceyl. iii, p. 7, pl. 144, fig. 6, (1884).

Punjab, Ceylon.

1713. AXYLIA FURTIVA.

Axylia furtiva, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448 ; and 1886, p. 442.

Collection Swinhoe, Poona, Mhow.

1714. AXYLIA IRROBATA.

Axylia irrobata, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.

N.-W. Himalayas.

1715. *AXYLIA RENALIS*.*Axylia renalis*, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.

Descr., Ind. Lep. Atk. ii, p. 103, (1882).

Axylia renalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.

Collection Swinhoe, Solun, Poona, Khandalla.

Also recorded from Sind and Cashmir.

Allied to *A. putris* of Europe.Genus *Tympanistes*.1716. *TYMPANISTES PALLIDA*.*Tympanistes pallida*, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig. 1.

I. M., a specimen with no history.

Collection Swinhoe, Dharmasala.

Also recorded from Sikkim.

1717. *TYMPANISTES TESTACEA*.*Tympanistes testacea*, Moore, Proc. Zool. Soc. Lond. 1867, p. 49, pl. 6, fig. 2.

Darjiling.

Genus *Senta*.1718. *SENTA CRAMBOIDES*.*Senta cramboides*, Moore, Lep. Ceyl. iii, p. 12, pl. 145, fig. 6, (1884).

Ceylon.

Genus *Discordia*.1719. *DISCORDIA EVULSA*.*Discordia evulsa*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448, pl. 27, fig. 2.

Poona.

Type is in British Museum.

Genus *Crambopsis*.1720. *CRAMBOPSIS EXCLUDENS*.*Crambopsis excludens*, Walker, Cat. Lep. Het. B. M. xxxii, p. 634, (1865).*Crambopsis excludens*, Moore, Lep. Ceyl. iii, p. 12, (1884).

Ceylon.

Genus *Nonagria*.1721. *NONAGRIA* (?) *IRREGULARIS*.*Nonagria irregularis*, Walker, Cat. Lep. Het. B. M., xi, p. 712, (1857).

India.

FAMILY HELIOTHIDÆ.

Genus *Dorika*.1722. *DORIKA AUREOLA*.

Leuconia aureola, Walker, Cat. Lep. Het. B. M., ix, p. 108, (1856).

———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 441.

Dorika aureola, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.

I. M., Mhow (Swinhoe).

Collection Swinhoe, Mhow, Bombay.

Also recorded from Canara.

1723. *DORIKA SANGUINOLENTA*.

Dorika sanguinolenta, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.

Bombay.

Genus *Raghuva*.1724. *RAGHUVA CONFERTISSIMA*.

Leucania confertissima, Walker, Cat. Lep. Het. B. M., xxii, p. 625, (1865).

Raghuva confertissima, Moore, Proc. Zool. Soc. Lond. 1881, p. 362.

S. India.

Genus *Pradatta*.1725. *PRADATTA ARTAXOÏDES*.

Pradatta artaxoïdes, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.

N.-W. Himalayas, Cashmir.

Collection Swinhoe, Kulu.

1726. *PRADATTA BEATRIX*.

Pradatta beatrix, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.

———— Descr. Ind. Lep. Atk. ii, p. 138, (1882).

———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442, pl. 41,
fig. 5.

Collection Swinhoe, Mhow.

Also recorded from Canara, Dharmasala, Cashmir.

1727. *PRADATTA BIVITTATA*.

Leucania bivittata, Walker, Cat. Lep. Het. B. M., ix, 3, p. 108, (1856).

———— Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Pradatta bivittata, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.

———— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 449.

Pradatta bivitta (sic), Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442.

Collection Swinhoe, Mhow, Bombay, Khandalla.

Also recorded from South India.

1728. PRADATTA DECORATA.

Pradatta decorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 365.
 ———— Descr. Ind. Lep. Atk. ii, p. 139, (1882).
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.

Collection Swinhoe, Poona.

Also recorded from Allahabad, Manpuri, Sind, Cashmir.

1729. PRADATTA MODESTA.

Pradatta modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.
 Manpuri.

Genus *Heliothis*.

1730. HELIOTHIS ARMIGERA.

Noctua armigera, Hübn., Noct. ii, p. 180, pl. 79, fig. 370, (1804)*.
 ———— Dup., Lep. de France, vii, p. 310, pl. 119, figs. 5, 6*.
Heliothis armigera, Treit., Schmett von Eur. viii, pl. 230, 6*.
 ———— Guén., Noct. ii, p. 181, 933*.
 ———— Walker, Cat. Lep. Het., xi, p. 683, (1857)*.
 ———— Dietrich, Mittheil. Schw. Ent. Ges. 1864, p. 258.
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 60.
 ———— Butler, Ann. Mag. N. H. (5), ix, p. 210, (1882).
 ———— Proc. Zool. Soc. Lond., 1883, p. 161.
 ———— Moore, Lep. Ceyl. iii, p. 51, pl. 150, figs. 1, 1a, (1884).
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p. 448; and 1886, p. 442.
 ———— Trans. Ent. Soc. Lond. 1885, p. 347.
Heliothis armigera, Meig., Syst. Besch. iii, 234, 22, pl. 120, fig. 15*.
Heliothis armiger (sic), Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 410.
 I. M., Sibsagar (Peal), Karachi (Swinhoe and Murray), Hujipore.
 (where it attacks poppy boll), Quetta (Swinhoe), Kulu
 (Young), Sikkim, Chitral (Giles).
 Collection Swinhoe, Candahar, Quetta, Karachi, Mhow, Deesa,
 Bombay, Solun.
 Also recorded from Europe, Africa, America (where it attacks
 cotton boll), Jamaica, New Zealand, Ceylon.

1731. HELIOTHIS DIPSACEA.

Phalena (Noctua) dipsacea, Linn., Syst. Nat. (1), 2, p. 856, No. 185,
 (1767).
Noctua dipsacea, Wien, Verz. 89, 3*.
 ———— Fabr., Sp. Ins. ii, p. 217, No. 45 (1781).
 ———— Mant. Ins. ii, p. 143, No. 65, (1787).
 ———— Ent. Syst. iii, 2, p. 33, No. 83, (1794).
 ———— Esper., Schmett, iv, pl. 172, figs. 1—3, pl. 185, figs. 1—6*.
 ———— Bork., Eur. Schmett, iv, 89, 35*.
 ———— Hübn., Eur. Schmett, Noct., pl. 63, fig. 311*.
 ———— Dup., Hist. Nat. Lep. France, vii, 304, pl. 119, fig. 2*.
 ———— Schr., Faun. Bois. 1687*.
 ———— Scriba, Beitr., pl. 12, figs. 2—5*.
 ———— Donovan., Brit. Ins. x, pl. 327*.
Melicoleptria dipsacea, Hübn., Verz. bek. Schmett, p. 262, No. 2578, (1861).
Heliothis dipsacea, Meig., Handb. 183, 94*.
 ———— Syst. Besch. iii, 281, 16, pl. 120, fig. 12*.

HELIOTHIS DIPSACEA—continued.

- Heliothis dipsacea*, Treit., Schmett v, 220, 3*.
 ———— Steph., Ill. Brit. Ent. Haust. iii, 109*.
 ———— Boisd., Ind. Meth., p. 163, No. 1305, (1840).
 ———— Guén., Noct. ii, 181, 934*.
 ———— Erschoff., Lep. Turkestan, p. 48, (1874).
 ———— Walker, Cat. Lep. Het. B. M. xi, p. 685, (1857).
 ———— Moore, 2nd Yarkand Miss. Lep., p. 11, (1879).

I. M., Yarkand (2nd Mission).

Also recorded from Europe.

1732. HELIOTHIS HYBLÆOIDES.

- Heliothis hyblæoides*, Moore, Ann. Mag. N. H. (5), i, p. 234, (1878).
 ———— 2nd Yarkand Mission Lep., p. 12, pl. 1,
 fig. 20, (1879).

I. M., Moore's type, Yarkand (2nd Mission).

Closely allied to *H. dipsacea*.

733. HELIOTHIS JUNCEA.

- Heliothis juncea*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 443, pl. 27, fig. 4.
 Collection Swinhoe, Bombay.

1734. HELIOTHIS PELTIGERA.

- Noctua peltigera*, Wien, Verz 89, 2*.
 ———— Dup., Hist. Nat. Lep. Fr. vii, pl. 119, fig. 5*.
Noctua barbara, Fabr., Ent. Syst. iii, 2, p. 111, No. 331, (1794).
 ———— Coqueb., Ill. Icon., p. 70, pl. 17, fig. 3, (1801).
Noctua florentina, Esp., Schmett iv, pl. 135, fig. 2*.
Noctua scutigera, Bork., Eur. Schmett, iv, 93, 37*.
Noctua straminea, Donovan., Brit. Ins. ii, pl. 61*.
Heliothis peltigera, Steph., Ill. Brit. Ent. Haust. iii, 109*.
Phalana alpheia, Cram., Pap. Exot. iii, pl. 250, fig. F., (1779).
Melicleptria peltigera, Hübn., Verz. Bek. Schmett, p. 262, No. 2576, (1816).
Melicleptria alpheia, Hübn., loc. cit., p. 262, No. 2577, (1816).
Heliothisa peltigera, Meig., Syst. Besch. iii, 234, pl. 120, fig. 14*.
 var. *Phalana charmione*, Stoll., Cram. Pap. Exot. p. 162, pl. 36, fig. 10,
 (1790).
Heliothis peltigera, Guén., Noct. ii, p. 180*.
 ———— Walker, Cat. Lep. Het. B. M., xi, p. 682, (1857).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 60.
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1885, p.
 448; and 1886, p. 442.
 ———— Trans. Ent. Soc. Lond. 1885, p. 348.

I. M., Karachi (Swinhoe), Quetta (Swinhoe).

Collection Swinhoe, Quetta, Karachi, Mhow, Poona, Campbell-
 pore.

Also recorded from Europe, Africa, New Zealand, Beluchistan,
 and Northern Bengal.

1735. HELIOTHIS PERIGIODES.

- Heliothis perigeoides*, Moore, Proc. Zool. Soc. Lond. 1881, p. 361.

Kutch.

Allied to *H. peltigera*.

1736. *HELIOTHIS RUBRESCENS.*

- Thalpophila rubrescens*, Walker, Cat. Lep. Het. B. M., xv, p. 1691, (1858).
 — Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
Heliothis rubrescens, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348.
Heliothis rubescens (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 448,
 and 1886, p. 442.

Collection Swinhoe, Quetta, Karachi, Bombay, Campbellpore.
 Also recorded from New Zealand and Australia.
 Allied to *H. armigera*, and *H. conferta* of New Zealand.

1737. *HELIOTHIS SCUTOSA.*

- Noctua scutosa*, Schiff., Wien. Verz 89, 1*.
 — Fabr., Mant. Ins ii, p. 142, No. 63, (1787).
 — Ent., Syst. iii, 2, p. 33, No. 81, (1794).
 — Esper., Schmett iv, pl. 108, figs. 1, 2*.
 — Bork., Eur. Schmett Noct., pl. 63, fig. 309*.
 — Dup., Hist. Nat. Lep. Fr. vii, 301, pl. 119, fig. 1*.
 — Frey., Beitr. ii, pl. 191*.
Melicoleptria scutosa, Hübn., Verz. Bek. Schmett, p. 262, No. 2575, (1816).
Heliothisa scutosa, Meig., Syst. Besch. v, 231, 17, pl. 120, fig. 11*.
Heliothis scutosa, Treit., Schmett. v, 224, 4*.
 — Curtis, Brit. Ent., pl. 595*.
 — Boisd., Ind. Meth. p. 163, No. 1306, (1840).
 — Guén., Noct. ii, 182, 936*.
 — Walker, Cat. Lep. Het. B. M. xi, p. 686, (1857).
 — Moore, 2nd Yakand Miss. Lep., p. 11, (1879).

I. M., Kulu (Young), Prussia (Kricheldorf).
 Also recorded from Cashmir.

1738. *HELIOTHIS SUCCINEA.*

- Heliothis succinea*, Moore, Proc. Zool. Soc. Lond. 1881, p. 362
 — Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 413.

I. M., Kulu (Young).
 Collection Swinhoe, Mhow.
 Also recorded from Bombay.
 Allied to *H. armigera*.

1739. *HELIOTHIS TEMPERATA.*

- Heliothis temperata*, Walker, Cat. Lep. Het. B. M. xi, p. 689, (1857).
 India.

Genus **Pimprana**.

1740. *PIMPRANA ATKINSONI.*

- Pimprana atkinsoni*, Moore, Descr. Ind. Lep. Atk., i, p. 42, pl. ii, fig. 11,
 (1879).
 Collection Swinhoe, Darjiling.

Genus **Curubasa**.

1741. *CURUBASA CALAMARIA.*

- Curubasa calamaria*, Moore, Proc. Zool. Soc. Lond. 1881, p. 367.
 — Swinhoe, Proc. Soc. Lond. 1885, p. 449.
 Collection Swinhoe, Bombay.

1742. *CURUBASA CRUENTATA*.

Curubasa cruentata, Moore, Proc. Zool. Soc. Lond. 1881, p. 367.
N.-W. India, Cashmir.

1743. *CURUBASA LANCEOLATA*.

Alaria lanceolata, Walker, Cat. Lep. Het. B. M. xii, p. 767, (1857).
Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 442.
Curubasa lanceolata, Moore, Proc. Zool. Soc. Lond. 1881, p. 366.
Collection Swinhoe, Solun, Mhow.
Also recorded from the Nilgiri Hills.

1744. *CURUBASA MARGINATA*.

Curubasa marginata, Moore, Proc. Zool. Soc. Lond. 1881, p. 367.
N.-W. Himalayas.

Genus *Adisura*.1745. *ADISURA ATKINSONI*.

Adisura atkinsoni, Moore, Proc. Zool. Soc. Lond. 1881, p. 368, pl. 37,
fig. 6.
Descr. Ind. Lep. Atk. ii, p. 137, (1882).
Darjiling.

1746. *ADISURA DULCIS*.

Adisura dulcis, Moore, Proc. Zool. Soc. Lond. 1881, p. 368, pl. 37, fig. 20.
Descr. Ind. Lep. Atk. ii, p. 137, (1882).
Darjiling.

1747. *ADISURA LEUCANOIDES*.

Adisura leucanioides, Moore, Proc. Zool. Soc. Lond. 1881, p. 368.
Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518 ; 1885, p.
449 ; and 1886, p. 443.
Collection Swinhoe, Karachi, Mhow, Bombay, Poona, Khanda-
dalla.

1748. *ADISURA MARGINALIS*.

Anthophila marginalis, Walker, Cat. Lep. Het. B. M., xii, p. 830, (1857).
Adisura marginalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 368.
Descr. Ind. Lep. Atk. ii, p. 137, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.
Collection Swinhoe, Bombay, Poona, Alibagh.
Also recorded from Calcutta.

1749. *ADISURA PALLIDA*.

Adisura pallida, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
Lep. Ceyl. iii, p. 52, pl. 150, fig. 8, (1884).
Ceylon.
Allied to *A. leucanioides*.

1750. ADISURA SIMILIS.

Adisura similis, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
 ----- Descr. Ind. Lep. Atk. ii, p. 138, (1882).

Calcutta.

Allied to *A. marginalis*.

1751. ADISURA UNCTA.

Adisura uncta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449, pl. 27,
 fig. 12.

Collection Swinhoe, Bombay.

Allied to *A. leucanoides*.

Genus *Anthœcia*.

1752. ANTHÆCIA SWINHÖEL.

Anthœcia swinhœi, Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
 ----- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449; and 1886,
 p. 443.

Collection Swinhoe, Assingharh, Poona.

Genus *Pyrrhia*.

1753. PYRRHIA MARGINATA.

Noctua marginata, Klém., Beit. ii, pl. 7, figs. 6, 8*.
 ----- Fabr., Ent. Syst. iii, 2, p. 88, No. 260, (1794).
 ----- Dup., Hist. Nat. Lep. Fr. vii, pl. 119, fig. 8*.

Noctua rutilago, Wien., Verz. 88, 4*.
 ----- Fuessl., Mag. 219*.

----- Schr., Faun. Boic. 1679*.
 ----- Hübn., Eur. Schmett Noct. i, 185*.

Noctua umbrago, Esp., Schmett iv, pl. 185, figs. 6, 7*.

Noctua conspicua, Bork., Eur. Schmett iv, 50*.

Noctua marginago, Haw., Lep. Brit. 217*.

Pyrrhia rutilago, Hübn., Verz. Bek. Schmett, p. 233, No. 2337, (1816).

Heliothisa marginata, Meig., Syst. Besch. iii, 233, 20, pl. 120, fig. 17*.

----- Frey., Stett. Ent. Zeit. ii, 109, (1841).

Heliothis marginata, Triet., Schmett. v. 232, 7*.

----- Steph., Ill. Brit. Ent. iii, 108*.

----- Boisd., Ind. Meth., p. 163, No. 1309, (1840).

----- Guén., Noct. ii, 178, 927*.

----- Walker, Cat. Lep. Het. B. M. xi, p. 681, (1857).

I. M., Kulu (Young).

Collection Swinhoe, Solun.

Also recorded from Europe.

Genus *Masalia*.

1754. MASALIA IRBORATA.

Masalia irrorata, Moore, Proc. Zool. Soc. Lond. 1881, p. 364,

Collection Swinhoe, Mandi.

Also recorded from Darjiling.

1755. *MASALIA RADIATA*.

Masalia radiata, Moore, Proc. Zool. Soc. Lond. 1881, p. 364.
Manpuri.

Genus *Sophaga*.

1756. *SOPHAGA SINUATA*.

Sophaga sinuata, Moore, Proc. Zool. Soc. Lond. 1881, p. 363.
Bombay.

Genus *Heliocheilus*.

1757. *HELIOCHEILUS TRANSLUCENS*.

Heliocheilus translucens, Felder, Reise Novara Lep., pl. 103, fig. 49,
(1864-75).
Himalayas.

FAMILY BOMBYCOIDÆ.

Genus *Diphtera*.

1758. *DIPHTERA ATROVIRENS*.

Diphtera atrovirens, Walker, Cat. Lep. Het. B. M. xxxii, p. 614 (1865);
and p. 1952, (1866).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 45.

I. M., Sikkim.
Collection Swinhoe, N. India.

1759. *DIPHTERA DECEPTURA*.

Diphtera deceptura, Walker, Cat. Lep. Het. B. M. xxxv, p. 614, (1865).
————— Moore, Lep. Ceyl. iii, p. 4, (1884).

Ceylon.

1760. *DIPHTERA DISCIBRUNNEA*.

Diphtera discibrunnea, Walker, Cat. Lep. Het. B. M. xxxv, p. 1952, (1866).
————— Moore, Proc. Zool. Soc. Lond., 1867, p. 46, pl. 6,
fig. 14

Collection Swinhoe, Sikkim.

1761. *DIPHTERA NIGROVIRIDIS*.

Diphtera nigroviridis, Walker, Cat. Lep. Het. B. M. xxxii, p. 615, (1865);
and xxxv, p. 1952, (1866).
————— Moore, Proc. Zool. Soc. Lond., 1867, p. 46.

I. M., Sikkim.
Collection Swinhoe, Sikkim.

1762. DIPHTERA PALLIDA.

Diphtera pallida, Walker, Cat. Lep. Het. B. M. xxxv, p. 1953, (1866).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 46, pl. 6, fig. 6.
 Darjiling.

1763. DIPHTERA PRASINARIA.

Diphtera prasinaria, Walker, Cat. Lep. Het. B. M. xxxii, p. 615, (1865);
 xxxv, p. 1952, (1866).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.
 I. M., Sikkim.
 Collection Swinhoe, Sikkim.

1764. DIPHTERA VIGENS.

Diphtera vicens, Walker, Cat. Lep. Het. B. M. xxxii, p. 616, (1865); and
 xxxv, p. 1952, (1866).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.
 I. M., Kulu (Young), Sikkim.
 Collection Swinhoe, Sikkim.

Genus *Plataplecta*.

1765. PLATAPLECTA PRUINOSA.

Acronycta pruinosa, Guén., Noct. i, p. 53, 72*.
 ——— Walker, Cat. Lep. Het. B. M., ix, p. 64, (1856).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 46.
Polia soluta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 723, (1865).
Plataplecta soluta, Butler, Ann. Mag. N. H. (1), v, p. 196, (1878).
Plataplecta pruinosa, Moore, Lep. Ceyl. iii, p. 5, pl. 144, fig. 3, (1884).
 Sylhet, Java, Ceylon.

1766. PLATAPLECTA STEVENSII.

Polia stevensii, Guén., Noct. ii, 38, 721*.
 ——— Walker, Cat. Lep. Het. B. M., xi, p. 521, (1857).
 Central India.

Genus *Acronycta*.

1767. ACRONYCTA BICOLOR.

Acronycta bicolor, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.
 Collection Swinhoe, Solun.

1768. ACRONYCTA FLAVALA.

Acronycta flavalala, Moore, Proc. Zool. Soc. Lond. 1867, p. 46.
 Bengal.

1769. ACRONYCTA INDICA.

Acronycta indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 47.
 Bengal.

1770. *ACRONYCTA KARGALIKA*.

Acronycta kargalika, Moore, Ann. & Mag. N. H. (5) i, p. 232, (1878).
I. M., Moore's type from Yarkand (2nd Mission).

Genus *Triæna*.

1771. *TRIÆNA MAXIMA*.

Triæna maxima, Moore, Proc. Zool. Soc. Lond. 1881, p. 333.
Collection Swinhoe, Campbellpore.
Allied to *T. tridens* of Europe.

Genus *Karana*.

1772. *KARANA DECORATA*.

Karana decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 107, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 447.
Collection Swinhoe, Dharmasala, Satara, Poona, Nilgiri Hills.
Also recorded from Sikkim.

Genus *Hyboma*.

1773. *HYBOMA FASCIATA*.

Hyboma fasciata, Moore, Lep. Ceyl. iii, p. 5, pl. 144, fig. 4, (1884).
Ceylon.

FAMILY BRYOPHILIDÆ.

Genus *Bryophila*.

1774. *BRYOPHILA ALBISTIGMA*.

Bryophila albistigma, Moore, Proc. Zool. Soc. Lond. 1867, p. 45.
Bengal.

1775. *BRYOPHILA LITERATA*.

Bryophila literata, Moore, Proc. Zool. Soc. Lond. 1881, p. 331.
Collection Swinhoe, Kulu.
Also recorded from Cashmir.
Allied to *B. glandifera* of Europe.

1776. *BRYOPHILA MEDIANA*.

Bryophila mediana, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.
Solun.

1777. *BRYOPHILA MODESTA*.

Bryophila modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.
N.-W. Himalayas.
Allied to *B. algæ* of Europe.

1778. *BRYOPHILA NILGIRIA*.

Bryophila nilgiria, Moore, Proc. Zool. Soc. Lond. 1881, p. 332.
Ootacamund.

Genus *Casama*.

1779. *CASAMA INDETERMINATA*.

Casama indeterminata, Walker, Cat. Lep. Het. B. M. xxxii, p. 611, (1865).
S. India.

FAMILY GLOTTULIDÆ.

Genus *Glottula*.

1780. *GLOTTULA DOMINICA*.

Phalena (Noctua) dominica, Cramer, Pap. Exot. iv, pl. 399, fig. H, (1782).
Hadena pancratii, Boisd., Faun. Ent. Mad. Romb. et Maur. Lep. 91, 1.*
Glottula dominica, Guén., Noct. i, p. 116, 183*.

Moore, Proc. Zool. Soc. Lond. 1867, p. 50.

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 409.

Moore, Lep. Ceyl. iii, p. 14, pl. 145, figs. 2, 2a, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 443.

Glottula pancratii, Millière, Icon Deser. Chen. Lep. 1865, p. 30, pl. 54,
figs. 6—9.*

Collection Swinhoe, Ceylon, Mhow, Khandalla.

Also recorded from S. Africa, Isle of France, Tranquebar.

Genus *Apsarasa*.

1781. *APSARASA FIGURATA*.

Apsarasa figurata, Moore, Proc. Zool. Soc. Lond. 1877, p. 604.
Andaman Islands.

. *APSARASA RADIANE*.

Noctua (Apatela) radians, Westw., Cab. Or. Ent., p. 53, pl. 28, fig. 4,
(1848).

Glottula radians, Walker, Cat. Lep. Het. B. M. xv, p. 1668, (1858).

Apsarasa radians, Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim, Assam.

Genus *Chasmina*.

1782. *CHASMINA CYGNUS*.

Chasmina cygnus, Walker, Cat. Lep. Het. B.M., ix, p. 147, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 50.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 449.

Leocyma cygnus, Butler, Ill. Typ. Lep. Het. vi, p. 35, pl. 110, fig. 3, (1886).

I. M., Kulu (Young), Solun (Swinhoe).

Collection Swinhoe, Bombay, Khandalla.

1783. CHASMINA DIANÆ.

Leocyma dianæ, Guén., Noct. ii, p. 213, (1852)*.

————— Moore, Lep. Ceyl. iii, p. 43, pl. 149, fig. 5, (1894).

Leocyma dianæ, Walker, Cat. Lep. Het. B. M. xii, p. 780, (1857).

Chasmina glabra, Walker, Cat. Lep. Het. B. M. xxxii, p. 636, (1865).

Ceylon, Australia.

Genus **Ramadasa**.

1784. RAMADASA PAVO.

Chasmina pavo, Walker, Cat. Lep. Het. B. M., ix, p. 147, (1856).

Ramadasa pavo, Moore, Proc. Zool. Soc. Lond., 1877, p. 603, pl. 59, fig. 8.

————— Lep. Ceyl. iii, p. 45, pl. 149, fig. 1, (1884).

I. M., Sikkim (purchased).

Also recorded from Ceylon and the Andaman Islands.

Genus **Polytela**.

1785. POLYTELA FLORIGERA.

Polytela florigera, Guén., Noct. i, 114, 180.*

————— Walker, Cat. Lep. Het. B. M., ix, p. 139, (1856)

India.

1786. POLYTELA GLORIOSÆ.

Bombyx gloriosæ, Fabr., Sp. Ins. ii, p. 205, No. 150, (1781)

————— Mant., Ins. ii, p. 133, No. 211, (1787).

————— Ent. Syst. iii, 1, p. 484, No. 242, (1793).

Phalæna gloriosæ, Linn., Syst. Nat., No. 2440.

Polytela gloriosæ, Guén., Noct. i, p. 113, 179, pl. 4, fig. 2, (1852).*

————— Walker, Cat. Lep. Het. B. M., ix, p. 138, (1856).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 50.

————— Lep. Ceyl. iii, p. 13, pl. 145, fig. 1, ♀ 1^a larva, (1884).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.

I. M., Goalpara, Calcutta, Bombay (Swinhoe).

Collection Swinhoe, Sikkim, Poona, Bombay.

Also recorded from Canara, Madras, and Ceylon.

Genus **Calymera**.

1787. CALYMERIA PICTA.

Calymera picta, Moore, Descr. Ind. Lep. Atk. ii, p. 104, pl. 4, fig. 7, (1882).

Darjiling.

Genus **Baorisa**.

1788. BAORISA HIEROGLYPHICA.

Baorisa hieroglyphica, Moore, Descr. Ind. Lep. Atk. ii, p. 133, pl. 4, fig. 14, (1882).

Darjiling.

Genus **Ariola**.1789. **ARIOLA CÆLISIGNA**.*Ariola calisigna*, Walker, Cat. Lep. Het. B. M. xii, p. 769, (1857).

Moore, Lep. Ceyl. iii, p. 41, (1884).

Ariola ransonneti, Felder & B. Reise, Novara Lep. p. 108, fig. 1, (1864—75).

Collection Swinhoe, Ceylon.

Also recorded from Sarawak, Borneo.

1790. **ARIOLA SATURATA**.*Ariola saturata*, Walker, Cat. Lep. Het. B. M. xii, p. 774, (1857).

Ceylon.

Genus **Dandaca**.1791. **DANDACA COLUMBA**.*Dandaca columba*, Walker, Cat. Lep. Het. B. M., ix, p. 149, (1856).

N. India.

FAMILY **COSMIDÆ**.Genus **Ipimorpha**.1792. **IPIMORPHA DIVISA**.*Ipimorpha divisa*, Moore, Descr. Ind. Lep. Atk. ii, p. 123, (1882).

Darjiling, Simla.

Allied to *I. subtilusa* of Europe.Genus **Cosmia**.1793. **COSMIA HYPENOIDES**.*Cosmia hypenoides*, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 19.

Descr. Ind. Lep. Atk. ii, p. 122, (1882).

Parisnath (Bengal).

1794. **COSMIA RESTITUTA**.*Cosmia restituta*, Walker, Cat. Lep. Het. B. M., x, p. 490, (1856).

Nepal.

FAMILY **ERASTRIDÆ**.Genus **Erastria**.1795. **ERASTRIA ALBIORBIS**.*Erastria albiorbis*, Moore, Descr. Ind. Lep. Atk. ii, p. 141, (1882).

Darjiling.

1796. *ERASTRIA* *CIDARIOIDES*.

Erastria cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Darjiling.

1797. *ERASTRIA* *FUSCA*.

Erastria fusca, Moore, Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Collection Swinhoe, Sikkim.

1798. *ERASTRIA* *FUTILIS*.

Erastria futilis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47, fig. 8.
Collection Swinhoe, Karachi.
Allied to *E. scitula* of Europe.

1799. *ERASTRIA* *IMBUTA*.

Erastria imbuta, Walker, Cat. Lep. Het. P. M., xxxiii, p. 794, (1865).
India.

1800. *ERASTRIA* *MARGINATA*.

Erastria marginata, Moore, Proc. Zool. Soc. Lond. 1881, p. 372, pl. 37, fig. 21.
————— Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Darjiling.

1801. *ERASTRIA* *NUBILA*.

Erastria nubila, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Allied to *E. fusca*.
Darjiling.

1802. *ERASTRIA* *PALLIDISCA*.

Erastria pallidisca, Moore, Proc. Zool. Soc. Lond. 1881, p. 372, pl. 37, fig. 14.
————— Descr. Ind. Lep. Atk. ii, p. 141, (1882).
Darjiling.

FAMILY ACONTIIDÆ.

Genus *Xanthodes*.1803. *XANTHODES* *ARCUATA*.

Xanthodes arcuata, Walker, Cat. Lep. Het. B. M. xii, p. 779, (1857).
————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517.
Collection Swinhoe, Karachi.
Also recorded from Africa.

1804. XANTHODES DUPLICATA.

Xanthodes duplicata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 778, (1865).
Siam.

1805. XANTHODES FLAVA.

Noctua flava, Fabr., Ent. Syst. iii, 2, p. 51, No. 139, (1794).
Xanthodes transversa, Guén., Noct. ii, p. 211, pl. 10, fig. 5, (1852).
——— Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 61; and 1877,
p. 605.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Acontia flava, Moore, Lep. Ceyl. iii, p. 42, pl. 149, figs. 2, 2a, larva, (1884).
I. M., Sikkim (Barnes), Sibsagar (Peal), Buxa (Moti Ram),
Cachar (Wood-Mason).
Collection Swinhoe, Sikkim, Bombay, Poona, Ceylon.
Also recorded from the Andaman Islands.

1806. XANTHODES GRAELLII.

Acontia graellii, Feisthamel, Ann. Soc. Ent. Fr. (6), p. 300, pl. 12, fig. 3,
(1837).
Xanthodes graellii, Guén., Noct. ii, 211, 977.*
——— Walker, Cat. Lep. Het. B. M., xii, p. 777, (1857).
——— Millière, Icon. Descr. Chen. Lep. 1865, p. 73, pl. 59,
figs. 6, 7.*
Spain, Mauritius, India.

1807. XANTHODES IMPARATA.

Xanthia imparata, Walker, Cat. Lep. Het. B. M., x, p. 467, (1856).
Xanthodes imparata, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Collection Swinhoe, Bombay, Karachi, Poona.

1808. XANTHODES IMPELLENS.

Xanthodes impellens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
India.

1809. XANTHODES INEFFICIENS.

Xanthodes inefficiens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).
India.

1810. XANTHODES INNOCENS.

Xanthodes innocens, Walker, Cat. Lep. Het. B. M., xv, p. 1752, (1858).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517; and
1885, p. 454.
——— Butler, Proc. Zool. Soc. Lond. 1886, p. 380.
Collection Swinhoe, Ootacamund, Karachi, Bombay.
Also recorded from Campbellpore.

1811. *XANTHODES INTERSEPTA*.*Xanthodes intersepta*, Guén., Noct. ii, p. 212, 979, (1852).*~~Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).~~~~Moore, Proc. Zool. Soc. Lond. 1867, p. 61.~~~~Lep. Ceyl. iii, p. 42, pl. 149, fig. 3, (1884).~~

I. M., Andaman Islands (purchased), Sibsaigar, Sikkim.

Collection Swinhoe, Sikkim.

Also recorded from Ceylon, Sylhet, also Malta.

1812. *XANTHODES STRAMEN*.*Xanthodes stramen*, Guén., Noct. ii, 210, 976.*~~Walker, Cat. Lep. Het. B. M., xii, p. 778, (1857).~~~~Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.~~

Collection Swinhoe, Poona, Karachi, Nilghiris.

Also recorded from Thibet.

Genus *Naranga*.1813. *NARANGA FERRUGINEA*.*Naranga ferruginea*, Moore, Descr. Ind. Lep. Atk. ii, p. 134, (1882).

Calcutta.

1814. *NARANGA DIFFUSA*.*Xanthodes diffusa*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 779, (1865).*Naranga diffusa*, Moore, Proc. Zool. Soc. Lond. 1881, p. 359.~~Lep. Ceyl. iii, p. 49, pl. 150, fig. 17, (1884).~~

Formosa, Ceylon, Nilgiri Hills.

1815. *NARANGA QUADRIVITTATA*.*Naranga quadrivittata*, Moore, Descr. Ind. Lep. Atk. ii, p. 134, (1882).

Calcutta.

Genus *Xanthia*.1816. *XANTHIA RUFOFLAVA*.*Xanthia rufostava*, Walker, Cat. Lep. Het. B. M. x, p. 467, (1856).

N. India.

Genus *Pitacota*.1817. *PITACOTA TERMINIGERA*.*Felinia terminigera*, Walker, Cat. Lep. Het. B. M. xv, p. 1850, (1858).~~Moore, Proc. Zool. Soc. Lond. 1867, p. 77.~~*Pitacota terminigera*, Moore, Lep. Ceyl. iii, p. 48, pl. 149, fig. 7, (1884).~~Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.~~

Collection Swinhoe, Poona.

Also recorded from Canara, Sylhet, and Ceylon.

Genus *Hiccoda*.1818. *HICCODA DOSAROIDES*.

Hiccoda dosaroides, Moore, Descr. Ind. Lep. Atk. ii, p. 135, (1882).
 Lep. Ceyl. iii, p. 49, pl. 150, fig. 16, (1884).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

Collection Swinhoe, Solun, Poona.

Also recorded from Calcutta, Bombay, Ceylon.

1819. *HICCODA HERBARIA*.

Hiccoda herbaria, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446.

Collection Swinhoe, Mhow.

Genus *Canna*.1820. *CANNA PULCHRIPICTA*.

Canna pulchripicta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 790, (1865),
 and xxxv, p. 1965, (1866).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 61, pl. 6, fig. 10.

I. M., Sikkim (purchased).

Collection Swinhoe, Dharmasala, Sikkim.

Genus *Calophasia*.1821. *CALOPHASIA CASHMIRENSIS*.

Calophasia cashmirensis, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.
 Desor. Ind. Lep. Atk. ii, p. 132, (1882).

Cashmir.

Allied to *C. linearis* of Europe.

1822. *CALOPHASIA LOBIFERA*.

Calophasia lobifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 358.
 Bombay.

1823. *CALOPHASIA NOTABILIS*.

Calophasia notabilis, Walker, Cat. Lep. Het. B. M., xi, p. 669, (1857).
 Collection Swinhoe, Umballa.

1824. *CALOPHASIA UPSILON*.

Calophasia upsilon, Walker, Cat. Lep. Het. B. M. xxxiii, p. 763, (1865).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

Collection Swinhoe, Poona.

Also recorded from Deccan.

Genus **Euphasia**.1825. **EUPHASIA CATENA.***Noctua catena*, Sowerby, Brit. Misc. 29, pl. 14.**Acontia catena*, Steph., Ill. Brit. Ent. Haust. iii, 116 *

Guén., Noct. ii, 214, 983.*

Desmophora elegans, Steph., Cat. Brit. Ins. 6398.**Euphasia catena*, Walker, Cat. Lep. Het. B. M., xii, p. 781, (1857).

Collection Swinhoe, Sind.

1826. **EUPHASIA CATENULA.***Euphasia catenula*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 780, (1865).

Collection Swinhoe, Campbellpore, Karachi.

Also recorded from South India.

Genus **Acontia**.1827. **ACONTIA ACERBA.***Acontia acerba*, Felder & R. Reisse, Novara Lep., pl. 108, fig. 25, (1864-75).

Bengal.

1828. **ACONTIA BADIA.***Acontia badia*, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.

Collection Swinhoe, Mhow, Bombay.

1829. **ACONTIA BASIFERA.***Acontia basifera*, Walker, Cat. Lep. Het. B. M., xii, p. 793, (1857).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 454.

I. M., Poona, Karachi.

Collection Swinhoe, Poona, Karachi, Hubb River.

1830. **ACONTIA COSTALIS.***Acontia costalis*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 784, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 454.

Collection Swinhoe, Poona, Karachi, Campbellpore.

Also recorded from South India.

1831. **ACONTIA COSTISTIGMA.***Acontia costistigma*, Walker, Cat. Lep. Het. B. M., xii, p. 792, (1857).

N. India.

1832. **ACONTIA CROCATA.***Acontia crocata*, Guén., Noct. ii, 218, 989.*

Walker, Cat. Lep. Het. B. M., xii, p. 791, (1857).

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 455; and
1886, p. 445.

I. M., Bombay, (Swinhoe).

Collection Swinhoe, Mhow, Karachi, Poona, Bombay.

1833. *ACONTIA DICYCLA*.

Acontia dicycla, Walker, Cat. Lep. Het. B. M. xxxv, p. 1964, (1866).
N. India.

1834. *ACONTIA EXCISA*.

Acontia excisa, Walker, MS. British Museum Collection.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455.
Collection Swinhoe, Poona, Khandalla, Mhow.

1835. *ACONTIA FIRINA*.

Acontia firina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455, pl. 27, fig. 5.
Collection Swinhoe, Poona, Bombay.

1836. *ACONTIA HORTENSIS*.

Acontia hortensis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47
fig. 7.
Collection Swinhoe, Karachi.
Allied to *A. solari* of Europe.

1837. *ACONTIA IMITATA*.

Acontia imitata, Moore, Lep. Ceyl. iii, p. 42, pl. 149, fig. 4, (1884).
Ceylon.

1838. *ACONTIA JUDICATA*.

Acontia judicata, Walker, Cat. Lep. Het. B. M., xv, p. 1760, (1858).
Butler, Ill. Typ. Lep. Het. vi, p. 35, pl. 110, fig. 2,
(1886).
N. India.

1839. *ACONTIA LUCTUOSA*.

Noctua luctuosa, Schiff., Wien. Verz. 90, 7, pl. 114, fig. 5, (1776).
Esper., Schmett iv, pl. 88, fig. 4.*
Bork., Eur. Schmett, iv, 77, 29.*
Hübner, Eur. Schmett, Noct., pl. 62, figs. 305, 306.*
Dup., Hist. Nat. Lep. Fr. vii, 350, pl. 121, figs. 3, 4.*
Noctua italica, Fabr., Sp. Ins. ii, p. 218, No. 49, (1781).
Mant. Ins. ii, p. 144, No. 72, (1787).
Ent. Syst. iii, p. 37, No. 59, (1794).
Phalæna (Noctua) italica, Linn., Syst. Nat. 2551.
Ædia luctuosa, Hübner, Verz. Bek. Schmett. p. 261, No. 2562, (816).
Acontia luctuosa, Treit., Schmett. v, 247, 7.*
Steph., Ill. Brit. Ent. Haust. iii, 113.*
Frey., Neue Beitr. p. 346.*
Stett. Ent. Zet. ii, 110, (1841).
Boisd., Ind. Meth. p. 165, No. 1323, (1840).
Guén., Noct. ii, 223, 1001.*
Walker, Cat. Lep. Het. B. M. xii, p. 782, (1857).
Moore, 2nd Yarkand Mission Lep., p. 12, (1879).
Phytometra luctuosa, Haw., Lep. Brit. 29.*
Ophiura luctuosa, Meig., Handb. 183, 95, pl. 13, fig. 6.*
Syst. Besch. iii, 210, pl. 114, fig. 5.*
Europe, Yarkand.

1840. *ACONTIA MACULOSA*.

Acontia maculosa, Walker, Cat. Het. B. M., xii, p. 765, (1857).
China, N. India.

1841. *ACONTIA MERIDIONALIS*.

Acontia meridionalis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 785, (1865).
S. India.

1842. *ACONTIA NIGRIPALPIS*.

Acontia nigripalpis, Walker, Cat. Lep. Het. B. M. xxxv, p. 1965, (1866).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.
Collection Swinhoe, Mhow, Assirgarh.

1843. *ACONTIA OLIVACEA*.

Acontia olivacea, Walker, Cat. Lep. Het. B. M., xii, p. 795, (1857).
Punjab, Ceylon.

1844. *ACONTIA OPALINOIDES*.

Acontia opalinoides, Guén., Noct. ii, 219, 993.*
Walker, Cat. Lep. Het. B. M., xii, p. 791, (1857).
Coromandel.

1845. *ACONTIA PULLA*.

Acontia pulla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456, pl. 27, fig. 15.
Collection Swinhoe, Poona.

1846. *ACONTIA QUADRIPARTITA*.

Acontia quadripartita, Walker, Cat. Lep. Het. B. M. xxxiii, p. 786,
(1865).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454; and
1886, p. 445.
Collection Swinhoe, Mhow, Poona, Bombay.

1847. *ACONTIA QUINTANA*.

Acontia quintana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455, pl. 27,
fig. 13.
Collection Swinhoe, Poona, Khandalla.

1848. *ACONTIA SCANDA*.

Acontia scanda, Felder & R. Reise, Novara Lep., pl. 108, fig. 27, (1864-
75).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 455.
Collection Swinhoe, Bombay, Karachi.
Also recorded from Bengal.

1849. *ACONTIA* *TRIRADIATA*.

Acontia triradiata, Walker, Cat. Lep. Het. B. M., xii, p. 794, (1857).
Collection Swinhoe, Campbellpore.

1850. *ACONTIA* *TURPIS*.

Acontia turpis, Walker, Cat. Lep. Het. B. M., xii, p. 794, (1857).
N. India.

1851. *ACONTIA* *VIALIS*.

Acontia vialis, Moore, Descr. Ind. Lep. Atk. ii, p. 135, (1882).
Collection Swinhoe, Darjiling, Nilgiri Hills.
Also recorded from Dharmasala.

Genus *Carandana*.1852. *CARANDANA* *FASCICULOSA*.

Acontia fasciculosa, Walker, Cat. Lep. Het. B. M. xv, p. 1760, (1858).
Carandana fasciculosa, Moore, Lep. Ceyl. iii, p. 46, (1884).
Ceylon.

Genus *Bankia*.1853. *BANKIA* *ANGULIFERA*.

Bankia angulifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 373.
N.-W. Himalayas.

1854. *BANKIA* *ARGENTULA*.

Noctua argentula, Hübn., Beitr. i, 9, pl. 2, fig. F, (1786).
——— Esp., Schmett iv, pl. 163, fig. 3.*
——— Bork., Eur. Schmett iv, 798, 367*.
——— Dup., Pap. de France vii, 373, pl. 123, fig. 2.*
Pyralis bankiana, Fabr., Sp. Ins. ii, p. 275, No. 1, (1781).
——— Mant., Ins. ii, p. 224, No. 1, (1787).
——— Ent. Syst. iii, p. 2, 242, No. 1, (1794).
Tortrix olivana, Wien., Verz. 120, 1.*
Phalana (Tortrix) bankiana, Linn. Syst. Nat. 2497.
Argyrostromia olivacea, Hübn., Verz. bek. Schmett, p. 253, No. 2508, (1816).
Erastria argentula, Treit., Schmett v, 255, 3.*
Anthophila argentula, Meig., Handb. 185, 100.*
——— Syst. Besch. iii, 242, 8, pl. 120, fig. 3.*
——— Boisd., Ind. Meth. p. 174, No. 1399, (1840).
Bankia argentula, Guén., Noct. ii, 231, 1014.*
——— Walker, Cat. Lep. Het. B. M. xii, p. 810, (1857).
——— Moore, 2nd Yarkand Mission, p. 12, (1879).
I. M., Yarkand (2nd Mission).
Also recorded from Europe.

1855. *BANKIA* *BASALIS*.

Bankia basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 143, (1882).
Darjiling, Shanghai.

1856. *BANKIA ERECTA*.

Bankia erecta, Moore, Proc. Zool. Soc. Lond. 1891, p. 373.
Nilgiri Hills.

1857. *BANKIA OBLIQUA*.

Bankia obliqua, Van M.^r deRiöy, MS.
Moore, Descr. Ind. Lep. Atk. ii, p. 143, (1882).
Dharmasala, Cashmir.

1858. *BANKIA OPELLA*.

Acontia opella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456, pl. 27, fig. 16.
Bankia opella, Butler, Proc. Zool. Soc. Lond. 1886, p. 380.
Collection Swinhoe, Karachi, Campbellpore, Poona, Maháblesha.

1859. *BANKIA RENALIS*.

Bankia renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 142, (1882).
Dharmasala, Calcutta.

Genus *Tarache*.1860. *TARACHE DESTITUTA*.

Acontia destituta, Walker, MS. Brit. Mus. Cab.
Tarache destituta, Moore, Lep. Ceyl. iii, p. 48, pl. 150, fig. 6, (1884).
Ceylon.

1861. *TARACHE INDA*.

Acontia inda, Felder & R. Reise, Novara Lep., pl. 108, fig. 23, (1864-75).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 145.
Tarache inda, Moore, Lep. Ceyl. iii, p. 48, pl. 150, fig. 5, (1884).
Collection Swinhoe, Mhow, Karachi.
Also recorded from Bengal.

1862. *TARACHE NIVOSA*.

Tarache nivosa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446, pl. 41, fig. 14.
Collection Swinhoe, Solun, Mhow, Poona.

1863. *TARACHE OLIVEA*.

Acontia olivea, Guén., Noct. ii, 217, 986.*
Walker, Cat. Lep. Het. B. M., xii, p. 790, (1857).
Moore, Proc. Zool. Soc. Lond. 1867, p. 61.
Tarache olivea, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 3, (1884).
Bengal.

1864. *TARACHE POSTICA*.

Calophasia postica, Walker, Cat. Lep. Het. B. M. xxxiii, p. 764, (1865).
Tarache postica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Collection Swinhoe, Poona, Campbellpore, Nilgiris.

1865. *TARACHE SIGNIFERA*.

Acontia signifera, Walker, Cat. Lep. Het. B. M., xii, p. 793 ; and p. 796, (1857).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 61 ; and 1877, p. 605.

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 445.

Acontia subflava, Walker, loc. cit. xxxv, p. 1964, (1866).

Tarache signifera, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 4, (1884).

Collection Swinhoe, Solun, Mhow.

Also recorded from Calcutta, Andaman Islands, China.

1866. *TARACHE TROPICA*.

Acontia tropica, Guén., Nat. ii, 217, 988.*

————— Walker, Cat. Lep. Het. B. M., xii, p. 790, (1857).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

Tarache tropica, Moore, Lep. Ceyl. iii, p. 47, pl. 150, fig. 2, (1884).

Collection Swinhoe, Ratnagiri, Nilgiris.

Also recorded from North India, China, and Ceylon.

Genus *Marimatha*.1867. *MARIMATHA LACTEA*.

Marimatha lactea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 48, fig. 7.

Collection Swinhoe, Karachi.

1868. *MARIMATHA PURA*.

Marimatha pura, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 456, pl. 28, fig. 16.

Collection Swinhoe, Poona.

1869. *MARIMATHA SUBFLAVALIS*.

Marimatha subflavalis, Walker, Cat. Lep. Het. B. M. xxxiv p. 1205, (1865).
South India.

Genus *Churia*.1870. *CHURIA MACULATA*.

Churia maculata, Moore, Proc. Zool. Soc. 1881, p. 360.

————— Lep. Ceyl. iii, p. 50, pl. 150, fig. 7, (1884).

Ceylon.

1871. *CHURIA NIGRISIGNA*.

Churia nigrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 360, pl. 27, fig. 13.

————— Desor. Ind. Lep. Atk. ii, p. 136, (1882).

Calcutta.

1872. CHURIA OCHRACEA.

Churia ochracea, Moore, Proc. Zool. Soc. Lond. 1881, p. 360. .
 Descr. Ind. Lep. Atk. ii, p. 186, (1882).

Calcutta.

Genus *Prothedes*.

1873. PROTHEDES BIPARS.

Prothedes bipars, Moore, Proc. Zool. Soc. Lond. 1881, p. 373, pl. 38, fig. 7.
 Descr. Ind. Lep. Atk. ii, p. 142, (1882).

Cherrapunji.

Allied to the European *P. captiuncula* of Zeller.

1874. PROTHEDES FRAUSA.

Prothedes frausa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 446.

Collection Swinhoe, Mhow.

1875. PROTHEDES VEPRECOLA.

Prothedes (sic) *veprecola*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 456.

I. M., Poona (Swinhoe).

Collection Swinhoe, Mhow, Poona, Bombay.

Genus *Bagada*.

1876. BAGADA PYROCHROMA.

Bagada pyrochroma, Walker, Cat. Lep. Het. B. M., xv, p. 1753, (1858).
 Moore, Lep. Ceyl. iii, p. 48, (1884).

Ceylon.

Genus *Dyrzela*.

1877. DYRZELA FLAGIATA.

Dyrzela plagiata, Walker, Cat. Lep. Het. B. M., xv, p. 1758, (1858).

N. India.

Genus *Piada*.

1878. PIADA MULTIPLICANS.

Piada multiplicans, Walker, Cat. Lep. Het. B. M., xv, p. 1747, (1858).

Canara.

FAMILY ANTHOPHILIDÆ.

Genus *Agrophila*.

1879. AGROPHILA SULPHURALIS.

Phalena (Pyrallis) sulphuralis, Bergstr., Ins. Suec. i, 16.*
 Linn. Syst. 2521.

AGROPHILA SULPHURALIS—continued.

- Phalena (Pyrallis) sulphuralis*, Fuessl., Ins. 812.*
Noctua sulphurea, Wien., Verz. 93, 6.*
 ———— Esp., Schmett iv, pl. 164, fig. 6.*
 ———— Bork., Eur. Schmett iv, 806, 372.*
 ———— Hübner, Eur. Schmett Noct., pl. 60, fig. 291.*
 ———— Dup., Hist. Nat. Lep. Fr. vii, 459, pl. 123, fig. 3.*
Bombyx lugubris, Fabr., Ent. Syst. iii, 1, p. 467, No. 188, (1793).
 ———— Donov., Brit. Ins. x, pl. 339.*
Pyrallis trabealis, Scop., Ent. Carn. 610.*
 ———— Vill., Ent. 807.*
Noctua trabeata, Scriba, Beitr., pl. 10, fig. 8.*
Noctua arabica, Berl., Mag. iii, 412.*
 ———— Bork., Eur. Schmett 807, 373.*
Emmelia sulphurea, Hubn., Verz. bek. Schmett, p. 254, No. 2509, (1816).
Erastria sulphurea, Treit., Schmett v, 251, 1.*
Erastria sulphuralis, Steph., Ill. Brit. Ent. iii, 147.*
Phytometra sulphurea, Han., Lep. Brit. 262.*
Anthophila sulphurea, Meig., Handb. 184, 98, pl. 13, fig. 11.*
 ———— Syst. Besch. iii, 242, 9, pl. 120, fig. 1.*
Agrophila sulphurea, Boisd., Ind. Meth. p. 175, No. 1400, (1840).
Agrophila sulphuralis, Guén., Noct. ii, 206, 971.*
 ———— Eversen, Fauna Volga, Ural, p. 461.*
 ———— Walker, Cat. Lep. Het. B. M. xii, 773, (1857).
 ———— Moore, 2nd Yarkand Miss. Lep. p. 12, (1879).
 ———— Butler, Ann. Mag. N. H. 5, ix, p. 210, (1882).
 ———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.
Agrophila trabealis, Ersch., Lep. Turkestan, p. 52, No. 179, (1874).
 Collection Swinhoe, Candahar, Quetta, Ispingil (Beluchistan).
 Also recorded from Europe, Turkistan, and Yarkand.

Genus **Anthophila**.

1880. **ANTHOPHILA BULLA.**

- Anthophila bulla*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 9.
 Collection Swinhoe, Karachi.

1881. **ANTHOPHILA DEROGATA.**

- Micra derogata*, Walker, Cat. Lep. Het. B. M., xii, p. 825, (1857).
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518.
Anthophila derogata, Moore, Lep. Ceyl. iii, p. 53, pl. 150, fig. 18, (1884).
 Collection Swinhoe, Solun, Karachi.
 Also recorded from Ceylon and Australia.

1882. **ANTHOPHILA DIVISA.**

- Thalpochares divisa*, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Anthophila divisa, Moore, Lep. Ceyl. iii, p. 53, pl. 150, fig. 10, (1884).
 Collection Swinhoe, Sikkim.
 Also recorded from Allahabad, Calcutta, Ceylon.

1883. ANTHOPHILA HEMIRHODA.

Micra hemirhoda, Walker, Cat. Lep. Het. B. M., xxxiii, p. 799, (1865).

Anthophila roseifascia, Walker, loc. cit., p. 803, (1865).

Anthophila hemorrhoida, Moore, Proc. Zool. Soc. Lond. 1867, p. 61.

Thalpochares adulans, Felder & R. Reise, der Novara Lep., pl. 108, fig. 11, (1864-75).

Anthophila hemirhoda, Moore, Lep. Ceyl. iii, p. 53, (1884).

Java, Ceylon, Bengal.

1884. ANTHOPHILA INDECISA.

Anthophila indecisa, Walker, Cat. Lep. Het. B. M., xii, p. 829, (1857).

Punjab.

1885. ANTHOPHILA INNUBILA.

Anthophila innubila, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Mhow.

1886. ANTHOPHILA LIGAMINOSA.

Amphipyra ligaminosa, Eversm., Bull. Soc. Imp. Nat. Mosc. xxiv, No. 2, p. 630, (1851).

Anthophila ligaminosa, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.

————— Walker, Cat. Lep. Het. B. M. xiii, p. 1026, (1857).

Autophila (sic) *ligaminosa*, Butler, Anu. Mag. N. H. ix, p. 5 (5), (1882).

Collection Swinhoe, Candahar, Quetta.

Also recorded from Armenia.

1887. ANTHOPHILA NEBULIFERA.

Anthophila nebulifera, Walker, Cat. Lep. Het. B. M. xxxiii, p. 802, (1865).

S. India.

1888. ANTHOPHILA PLANA.

Anthophila (?) *plana*, Walker, Trans. Ent. Soc. Lond., 3rd ser., i, p. 92, (1862-64).

————— Walker, Cat. Lep. Het. B. M. xxxiii, p. 801, (1865).

India.

1889. ANTHOPHILA ZAMIA.

Anthophila zamia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 12.

Collection Swinhoe, Karachi.

Genus *Thalpochares*.

1890. THALPOCHARES ALBIDA.

Thalpochares albida, Moore, Proc. Zool. Soc. Lond. 1881, p. 370.

Bombay.

1891. **THALPOCHARES BIFASCIATA.**

Thalpochares bifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Allahabad, Punjab.

1892. **THALPOCHARES FLAVIDA.**

Thalpochares flavida, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Allahabad, Punjab.

1893. **THALPOCHARES PARVULA.**

Thalpochares parvula, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.
Bombay.
Allied to the European *T. parva*.

1894. **THALPOCHARES QUADRILINEATA.**

Thalpochares quadrilineata, Moore, Proc. Zool. Soc. Lond. 1881, p. 370,
pl. 38, fig. 14.
————— Descr. Ind. Lep. Atk. ii, p. 140, (1882).
Calcutta.

1895. **THALPOCHARES RIVULA.**

Thalpochares rivula, Moore, Descr. Ind. Lep. Atk. ii, p. 140, (1882).
————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457; & 1886,
p. 447.
Collection Swinhoe, Bombay, Mhow, Karachi.
Also recorded from Calcutta.

1896. **THALPOCHARES ROSEANA.**

Micra roseana, Van M. de Ring, MS.
Thalpochares roseana, Moore, Proc. Zool. Soc. Lond. 1881, p. 370.
————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.
Collection Swinhoe, Sikkim, Mhow, Bombay.
Also recorded from Dharmasala.
Allied to *T. rivula*.

1897. **THALPOCHARES TRIFASCIATA.**

Thalpochares trifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 370, pl.
38, fig. 21.
————— Descr. Ind. Lep. Atk. ii, p. 139, (1882).
Calcutta.

1898. **THALPOCHARES UBEROSA.**

Thalpochares uberosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.
Collection Swinhoe, Poona.

Genus **Micra.**1899. **MICRA BALUX.**

Micra balux, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 14.
Collection Swinhoe, Karachi.

1900. *MICRA CHALYBEA*.

Micra chalybea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518, pl. 47, fig. 10.

Collection Swinhoe, Karachi.

1901. *MICRA FURIA*.

Micra furia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519, pl. 47, fig. 13.

Collection Swinhoe, Karachi.

Genus *Leptosia*.1902. *LEPTOSIA QUINARIA*.

Leptosia quinaris, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.

———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.

———— Proc. Zool. Soc. Lond. 1886, p. 445.

Collection Swinhoe, Solun, Mhow, Quetta, Karachi.

Also recorded from Allahabad and Maupuri.

Genus *Tima*.1903. *TIMA MARGARITA*.

Phalena (Noctua) margaritata, Drury, Ins. iii, p. 28, pl. 21, fig. 6, (1782).

Tima margarita (sic), Walker, Cat. Lep. Het. B. M. xii, p. 840, (1857).

N. India.

Genus *Hydrelia*.1904. *HYDRELIA CONJUGATA*.

Hydrelia conjugata, Moore, Proc. Zool. Soc. Lond. 1881, p. 369.

———— Descr. Ind. Lep. Atk. ii, p. 139, (1882).

Darjiling.

1905. *HYDRELIA SEMILUGENS*.

Hydrelia semilugens, Walker, Cat. Lep. Het. B. M. xii, p. 814, (1857).

India.

Genus *Hyela*.1906. *HYELA CURVIFERA*.

Hydrelia curvifera, Walker, Trans. Ent. Soc. Lond., 3rd ser., i, p. 91, (1862-64).

———— Cat. Lep. Het. B. M. xxxiii, p. 797, (1865).

Hyela curvifera, Moore, Lep. Ceyl. iii, p. 56, (1884).

Ceylon.

1907. *HYELA LATIVITTA*.

Dankia lativitta, Moore, Proc. Zool. Soc. Lond. 1881, p. 373.

Hyela (sic) lativitta, Moore, Lep. Ceyl. iii, p. 56, pl. 150, fig. 9, (1884).

Nilgiri Hills.

Genus **Phyllophila**.

1908. **PHYLLOPHILA MODESTA**.

Phyllophila modesta, Moore, Lep. Ceyl. iii, p. 55, pl. 150, fig. 13, (1884).
Ceylon.

Genus **Eublemma**.

1909. **EUBLEMMA AMABILIS**.

Eublemma amabilis, Moore, Lep. Ceyl. iii, p. 54, pl. 150, fig. 12, (1884).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Mhow.

Also recorded from Ceylon.

Genus **Maradana**.

1910. **MARADANA RIVULATA**.

Maradana rivulata, Moore, Lep. Ceyl. iii, p. 58, pl. 150, fig. 14, (1884).
Ceylon.

Genus **Odice**.

1911. **ODICE TRANSVERSA**.

Odice transversa, Moore, Lep. Ceyl. iii, p. 57, pl. 150, fig. 15, (1884).

Ceylon.

Allied to *O. abscissa* from South Africa.

Genus **Paracrama**.

1912. **PARACRAMA DULCISSIMA**.

Nolasena dulcissima, Walker, Journ. Linn. Soc. Lond. Zool. vii, p. 76.

————— Cat. Lep. Het. B. M. xxxiii, p. 860, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1877, p. 606.

Paracrama dulcissima, Moore, Lep. Ceyl. iii, p. 55, pl. 150, fig. 11, (1884).

Andaman Islands, Ceylon, Borneo.

FAMILY ORTHOSIIDÆ.

Genus **Orthosia**.

1913. **ORTHOSIA CURVIPLANA**.

Orthosia curviplana, Walker, Cat. Lep. Het. B. M. xxxiii, p. 715, (1865); &
xxxv, p. 1960, (1866).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 56.

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1914. **ORTHOSIA ERUBESCENS**.

Orthosia erubescens, Butler, Ann. Mag. N. H. (5), 5, p. 224, (1880).

————— Proc. Zool. Soc. Lond. 1881, p. 618.

I. M., Kulu (Young).

Collection Swinhoe, Nilgiri Hills, Kasauli, and Sikkim.

1915. *ORTHOSIA EXTERNA*.*Orthosia externa*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 716, (1865).Moore, Proc. Zool. Soc. Lond. 1867, p. 56.Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

I. M., Sikkim.

Collection Swinhoe, Kasauli.

1916. *ORTHOSIA INFREQUENS*.*Orthosia infrequens*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517, pl. 47,
fig. 11.

Collection Swinhoe, Karachi.

1917. *ORTHOSIA RECTIVITTA*.*Orthosia rectivitta*, Moore, Proc. Zool. Soc. Lond. 1881, p. 353.Descr. Ind. Lep. Atk. ii, p. 120, (1882).

Sikkim.

1918. *ORTHOSIA SINENS*.*Orthosia sinens*, Walker, Cat. Lep. Het. B. M. xi, p. 746, (1857).

India.

1919. *ORTHOSIA UNIFORMIS*.*Orthosia uniformis*, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350, pl. 9,
fig. 6.

Collection Swinhoe, Quetta.

Genus *Tæniocampa*.1920. *TÆNIOCAMPA CASTANEIPARS*.*Tæniocampa castaneipars*, Moore, Descr. Ind. Lep. Atk. ii, p. 122, (1882).

Sikkim.

Allied to *T. leucographa* of Europe.1921. *TÆNIOCAMPA CHIKLIKA*.*Tæniocampa chiklika*, Moore, Ann. Mag. N. H. 5, i, p. 234, (1878).2nd Yarkand Miss. Lep. 1879, p. 11, pl. 1,
fig. 11.

Yarkand.

Genus *Ranaja*.1922. *RANAJA FASCIATA*.*Ranaja fasciata*, Moore, Descr. Ind. Lep. Atk. ii, p. 121, pl. iv, fig. 18,

Sikkim.

Genus **Dimya**.

1923. **DIMYA SINUATA.**

Dimya sinuata, Moore, Descr. Ind. Lep. Atk. ii, p. 122, pl. 4, fig. 17,
(1882).
Sikkim.

Genus **Aramuna**.

1924. **ARAMUNA MARGINATA.**

Aramuna marginata, Moore, Lep. Ceyl. iii, p. 36, pl. 149, fig. 6, (1884).
Ceylon.

FAMILY HADENIDÆ.

Genus **Eurois**.

1925. **EUROIS AURIPLANA.**

Eurois auriplana, Walker, Cat. Lep. Het. B. M. xi, p. 557, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Hadena auriplana, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.

Trachea auriplana, Moore, Lep. Ceyl. iii, p. 37, pl. 148, fig. 2, (1884).

I. M., N. Khasi Hills, Sibsagar (Peal), Kulu (Young), Sikkim
(purchased, also Barnes).

Collection Swinhoe, Sikkim, Kulu, Nilgiri Hills.

Also recorded from Ceylon.

1926. **EUROIS CRASSIPENNIS.**

Eurois crassipennis, Walker, Cat. Lep. Het. B. M. xi, p. 558, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Collection Swinhoe, Punjab.

Also recorded from Sylhet.

1927. **EUROIS INCLUSA.**

Eurois inclusa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 725, (1865).

Moore, Lep. Ceyl. iii, p. 37, (1884).

Ceylon.

1928. **EUROIS MAGNIFICA.**

Eurois magnifica, Moore, Descr. Ind. Lep. Atk. ii, p. 127, (1882).

Collection Swinhoe, Dharmasala.

Also recorded from Sikkim.

Allied to the European *E. occulta* and the Japanese *E. virens*.

1929. **EUROIS REPUGNANS.**

Eurois repugnans, Walker, Cat. Lep. Het. B. M. xi, p. 751, (1857).

India.

1930. *EUROIS TURBATA*.

Eurois turbata, Walker, Cat. Lep. Het. B. M. xv, p. 1720, (1858).
N. India.

Genus *Hadena*.1931. *HADENA ADJUNCTA*.

Hadena adjuncta, Moore, Proc. Zool. Soc. Lond. 1881, p. 357.
Dalhousie.
Allied to the European *H. satura*.

1932. *HADENA ALBIDISCA*.

Hadena albidisca, Moore, Proc. Zool. Soc. Lond. 1867, p. 59, pl. 6, fig. 17.
Bengal.

1933. *HADENA ATROVIRENS*.

Hadena atrovirens, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).
I. M., Khasi Hills (purchased), Sikkim (De Niceville).

1934. *HADENA CONSTELLATA*.

Hadena constellata, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 21,
(1882).
Sikkim.
Allied to *H. satura* and *H. confundens* of Europe.

1935. *HADENA DISTANS*.

Hadena distans, Moore, Descr. Ind. Lep. Atk. ii, p. 130, (1882).
Collection Swinhoe, Kasauli.
Also recorded from Sikkim and the Khasi Hills.
Allied to *H. indistans*.

1936. *HADENA HASTATA*.

Hadena hastata, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 20,
(1882).
Sikkim.

1937. *HADENA INDISTANS*.

Hadena indistans, Guén., Noct. ii, 87, 786*.
Walker, Cat. Lep. Het. B. M., xi, p. 592, (1857).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.
Hadena confundens, Walker, loc. cit. xi, p. 757, (1857); & xxxiii, p. 727,
(1865).
Hadena inextricans, Walker, loc. cit. xv, p. 1729, (1858).
Astrapetis indistans, Moore, Lep. Ceyl. iii, p. 38, pl. 148, fig. 5, (1884).
Collection Swinhoe, Poona, Bombay.
Also recorded from Central India and Ceylon.

1938. *HADENA LANCEOLA.*

Hadena lanceola, Moore, Proc. Zool. Soc. Lond. 1867, p. 59.
Bengal.

1939. *HADENA MEDIA.*

Hadena media, Walker, Cat. Lep. Het. B. M., xi, p. 756, (1857); & xxxiii,
p. 727, (1865).
Canara.

1940. *HADENA NIVEIPLAGA.*

Hadena niveiplaga, Walker, Cat. Lep. Het. B. M., xi, p. 593, (1857).
I. M., Kulu (Young).
Collection Swinhoe, Kasauli, Sikkim.

1941. *HADENA RUPTISTRIGA.*

Hadena ruptistriga, Walker, Cat. Lep. Het. B. M. xxxiii, p. 739, (1865).
Astrapetis ruptistriga, Moore, Lep. Ceyl. iii, p. 33, (1884).
Ceylon.

1942. *HADENA SIDERIFERA.*

Hadena siderifera, Moore, Proc. Zool. Soc. Lond. 1881, p. 357
Butler, Proc. Zool. Soc. Lond. 1883, p. 161.
I. M., Kulu (Young).
Collection Swinhoe, Simla, Sikkim, and Nulgrin Hills.
Allied to *H. albiflexura* and *H. constellata*.

1943. *HADENA SPARGENS.*

Hadena spargens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 739, (1865)
India.

1944. *HADENA STOLICZKANA.*

Hadena stoliczkana, Moore, Ann. Mag. N. H. (5) i, p. 234, (1878).
2nd Yarkand Mission, Lep. 1879, p. 11, pl.
1, fig. 12.
I. M., Moore's type (2nd Yarkand Mission).

Genus *Berrhæa*.1945. *BERRHÆA ALBINOTA.*

Hadena albinota, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.
Berrhæa albinota, Moore, Proc. Zool. Soc. Lond. 1881, p. 356.
Descr. Ind. Lep. Atk. ii, p. 129, (1882).
Bengal, Sikkim.

1946. *BERRHÆA AURIGERA.*

Berrhæa aurigera, Walker, Cat. Lep. Het. B. M. xv, p. 1721, (1858).
Moore, Proc. Zool. Soc. Lond. 1881, p. 356.
Descr. Ind. Lep. Atk. ii, p. 128, (1882).
Collection Swinhoe, Sikkim.

1947. *BERRHÆA MEGASTIGMA*.

Hadena megastigma, Walker, Cat. Lep. Het. B. M. xxxiii, p. 738, (1865);
and xxxv, p. 1961, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Berrhæa megastigma, Moore, Proc. Zool. Soc. Lond. 1881, p. 356.

Descr. Ind. Lep. Atk. ii, p. 129.

I. M., Sikkim.

Collection Swinhoe, Sikkim.

1948. *BERRHÆA OLIVACEA*.

Berrhæa olivacea, Moore, Proc. Zool. Soc. Lond. 1881, p. 357.

Descr. Ind. Lep. Atk. ii, p. 129, (1882).

Sikkim.

Allied to *B. megastigma*.

Genus *Dianthecia*.1949. *DIANTHECIA AUROVIRIDIS*.

Hadena auroviridis, Moore, Proc. Zool. Soc. Lond. 1867, p. 59, pl. 6,
fig. 11.

Collection Swinhoe, Nilgiri Hills,

Also recorded from Bengal.

1950. *DIANTHECIA CALAMISTRATA*.

Dianthecia calamistrata, Moore, Descr. Ind. Lep. Atk. ii, p. 124, pl. 4,
fig. 23, (1882).

Sikkim.

Allied to *D. perplexa*.

1951. *DIANTHECIA CONFLUENS*.

Dianthecia confluens, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38,
fig. 20.

Descr. Ind. Lep. Atk. ii, p. 123, (1882).

Sikkim.

1952. *DIANTHECIA LITERATA*.

Dianthecia literata, Moore, Descr. Ind. Lep. Atk. ii, p. 124, (1882).

Sikkim.

1953. *DIANTHECIA LUTEIFRONS*.

Dianthecia luteifrons, Walker, Cat. Lep. Het. B. M., xi, p. 751, (1867);
and xxxiii, p. 721, (1865).

N. India.

1954. *DIANTHECIA STELLIFERA*.

Dianthecia stellifera, Moore, Descr. Ind. Lep. Atk. ii, p. 123, (1882).

Sikkim.

1955. *DIANTHECIA VENOSA*.

Dianthecia venosa, Moore, Descr. Ind. Lep. Atk. ii, p. 124, (1882).

Sikkim.

Allied to *D. literata*.

Genus *Euplexia*.1956. *EUPLEXIA ALBOVITTATA*.

Euplexia albiovittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. 6, fig. 16.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1960, (1866).

Butler, Ann. Mag. Nat. Hist. (5), 6, p. 225, (1880).

I. M., Kasauli (Swinhoe), N. Khasi Hills, Sikkim.

Collection Swinhoe, Nilgiri Hills, Sikkim, Kasauli, and Thundiani.

1957. *EUPLEXIA CUPREA*.

Euplexia cuprea, Moore, Proc. Zool. Soc. Lond. 1874, p. 578.

Simla.

1958. *EUPLEXIA DISCISIGNATA*.

Euplexia discisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. 6, fig. 9.

Walker, Cat. Lep. Het. B. M., xxxv, p. 1960, (1866).

I. M., Sikkim (purchased).

1959. *EUPLEXIA DISTORTA*.

Euplexia distorta, Moore, Proc. Zool. Soc. Lond. 1881, p. 354, pl. 38, fig. 18.

Descr. Ind. Lep. Atk. ii, p. 125, (1882).

Sikkim.

1960. *EUPLEXIA SINUATA*.

Euplexia sinuata, Moore, Descr. Ind. Lep. Atk. ii, p. 125, pl. 4, fig. 25, (1882).

Sikkim.

1961. *EUPLEXIA SEMIFASCIA*.

Hadena semifascia, Walker, Cat. Lep. Het. B. M. xxxiii, p. 737, (1865).

Euplexia semifascia, Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 454.

I. M. No locality (Swinhoe).

Collection Swinhoe, Kulu, Dharmasala, Nilgiri Hills, and Satara.

1962. *EUPLEXIA STRIATOVIRENS*.

Euplexia striatovirens, Moore, Proc. Zool. Soc. Lond. 1867, p. 58.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1961, (1866).

Collection Swinhoe, Sikkim.

Genus **Anarta**.1963. **ANARTA GEMMIFERA**.

Plusia gemmifera, Walker, Cat. Lep. Het. B. M. xii, p. 934, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Anarta gemmifera, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.

Nilgiri Hills.

1964. **ANARTA LADAKENSIS**.

Anarta ladakensis, Felder & R. Reise, Novara Lep., pl. 108, fig. 38,
(1864-75).

Himalayas.

Genus **Radinacra**.1965. **RADINACRA PLACIDA**.

Radinacra placida, Moore, Lep. Ceyl. iii, p. 30, pl. 147, fig. 4, (1884).

Ceylon.

1966. **RADINACRA RENALIS**.

Radinacra renalis, Moore, Lep. Ceyl. iii, p. 30, pl. 147, fig. 4a, (1884).

Ceylon.

1967. **RADINACRA THORACICA**.

Radinacra thoracica, Moore, Lep. Ceyl. iii, p. 31, pl. 143, fig. 4, (1884).

Ceylon.

1968. **RADINACRA VARIANA**.

Radinacra variana, Swinhoe, Proc. Zool. Soc. Lond. 1836, p. 444, pl. 40,
fig. 10.

Collection Swinhoe, Mhow.

Genus **Hecatera**.1969. **HECATERA MODESTA**.

Hecatera modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 125 (1882).

Cashmir.

Allied to *H. magnolii* and *H. xanthocyanea* of Europe.

1970. **HECATERA TRANSVERSA**.

Hecatera transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 125 (1882).

Cashmir.

Allied to *H. serena* of Europe.

Genus **Sarbanissa**.1971. **SARBANISSA INSOCIA**.

Sarbanissa insocia, Walker, Cat. Lep. Het. B. M. xxxiii, p. 746, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 60.

Sikkim.

Genus **Checupa**.1972. **CHECUPA FORTISSIMA.**

Checupa fortissima, Moore, Proc. Zool. Soc. Lond. 1867, p. 60, pl. 6, fig. 5.
Sikkim.

Genus **Chutapha**.1973. **CHUTAPHA COSTALIS.**

Chutapha costalis, Moore, Descr. Ind. Lep. Atk. ii, p. 131, (1882).
Sikkim.

Genus **Nikara**.1974. **NIKARA CASTANEA.**

Nikara castanea, Moore, Descr. Ind. Lep. Atk. ii, p. 126, pl. 4, fig. 24,
(1882).
Sikkim.

Genus **Appana**.1975. **APPANA INDICA.**

Phlogophora indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 67.
Appana indica, Moore, Proc. Zool. Soc. Lond. 1881, p. 355.
Descr. Ind. Lep. Atk. ii, p. 127, (1882).

Collection Swinhoe, Sikkim.
Also recorded from Bengal.

Genus **Dryobata**.1976. **DRYOBATA LEUCOSTICTA.**

Dryobata leucosticta, Moore, Descr. Ind. Lep. Atk. ii, p. 129, pl. 4, fig. 22,
(1882).

Sikkim.
Allied to the European *D. roboris*.

Genus **Trigonophora**.1977. **TRIGONOPHORA ALBOSIGNATA.**

Trigonophora albosignata, Moore, Proc. Zool. Soc. Lond. 1881, p. 355.
N.-W. Himalayas.
Allied to the European *T. empyrea*.

Genus **Hyada**.1978. **HYADA GRISEA.**

Hyada grisea, Moore, Descr. Ind. Lep. Atk. ii, p. 130, pl. 4, fig. 26, (1882).
Sikkim.

Genus *Charidea*.1979. *CHARIDEA QUINQUE-BRUNNEUM*.*Charidea quinque brunneum*, Guén., Noct. ii, 62, 750.*Walker, Cat. Lep. Het. B. M. xi, p. 538,
(1857).

Pondicherry.

FAMILY NOCTUIDÆ.

Genus *Agrotis*.1980. *AGROTIS AQUILINA*.*Noctua aquilina*, Schiff., Wien. Verz. 80, 6.*

Bork., Eur. Schmett 156.*

Hübner, Samml. Eur. Schmett Noct., pl. 29, fig. 135.*

God., Hist. Nat. Lep. Fr. v, pl. 115, fig. 635.*

Noctua domestica, Fabr., Ent. Syst. iii, 2, p. 23, No. 48, (1794).*Noctua nigrofusca*, Esp., Schmett iv, pl. 127, fig. 6.*var. *Agrotis vitta*, Treit., Schmett v, i, 132, 5.*

Steph., Ill. Brit. Ent. Haust. ii, 120.*

Noctua vitta, Esp., Schmett, pl. 143, fig. 6.*

Boik., Eur. Schmett iv, 191 (?).*

Hübner, Eur. Schmett Noct., figs. 533, 534.*

God., Hist. Nat. Lep. Fr. v, pl. 64, figs. 4 & 5.*

Noctua (Agrotis) vitta, Meig., Syst. Besch. iii, 83, 3, pl. 92, fig. 12.**Metaxya aquilina*, Meig., Syst. Besch. iii, 84, 4, pl. 93, fig. 7.**Noctua tritici*, God., Hist. Nat. Lep. Fr. v, pl. 65, figs. 4, 5.**Agrotis aquilina*, Treit., Schmett. Kur. v, i, 134, 6.*

Boisd., Ind. Meth., 110, 841, (1840).

Guén., Ann. Soc. Ent. Fr. (1), vi, 355, (1837).

Noct. i, 289, 472.*

Walker, Cat. Lep. Het. B. M. x, p. 321, (1856).

Moore, 2nd Yarkand Miss. Lep., p. 10, (1879).

I. M., Yarkand (2nd Mission).

Also recorded from Europe.

1981. *AGROTIS ARISTIFERA*.*Agrotis aristifera*, Guén., Noct. i, p. 266, No. 426, (1852)*.

Walker, Cat. Lep. Het. B. M., x, p. 344, (1856).

Butler, Proc. Zool. Soc. Lond. 1883, p. 160; and 1886,
p. 380.

Moore, Lep. Ceyl. iii, p. 32, pl. 147, fig. 5, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 616; 1885,
p. 453; and 1886, p. 444.*Agrotis munda*, Walker, Cat. Lep. Het. B. M. x, p. 348, (1856).I. M., Mhow (Swinhoe), Solun (Swinhoe), no locality (Karachi
Museum), Kulu (Young).Collection Swinhoe, Solun, Mhow, Karachi, Poona, Nilgiri Hills.
Also recorded from Central India, Ceylon, Australia, and New
Zealand.

1982. *AGROTIS AVERSA*.*Agrotis aversa*, Walker, Cat. Lep. Het. B. M. x, p. 345, (1856).*Agrotis aversa*, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349.*Agrotis aversa*, Butler, Proc. Zool. Soc. Lond., 1886, p. 380.*Caradrina trituratora*, Walker, loc. cit. x, p. 295, (1856).*Agrotis certificata*, Walker, loc. cit. xxxii, p. 697, (1865).

Collection Swinhoe, Candahar.

Also recorded from Murree.

1983. *AGROTIS CESPITIS*.*Agrotis cespitis*, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349, pl. 9, fig. 4.

Collection Swinhoe, Quetta.

1984. *AGROTIS CONFORMIS*.*Agrotis conformis*, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 349, pl. 9, fig. 5.

Collection Swinhoe, Quetta.

1985. *AGROTIS CONGRUA*.*Agrotis congrua*, Walker, Cat. Lep. Het. xxxii, p. 695, (1865).*Agrotis congrua*, Moore, Lep. Ceyl. iii, p. 33, (1884).

Ceylon.

1986. *AGROTIS CONSPURCATA*.*Agrotis conspurcata*, Walker, Cat. Lep. Het. xxxii, p. 696, (1865).*Agrotis conspurcata*, Moore, Lep. Ceyl. iii, p. 33, pl. 147, figs. 7, 7a, (1884).*Agrotis conspurcata*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.

Collection Swinhoe, Simla, Poona, Sikkim, Nilgiri Hills.

Also recorded from Ceylon.

Allied to *A. correcta* of Europe.1987. *AGROTIS CORRECTA*.*Agrotis correcta*, Walker, Cat. Lep. Het., x, p. 345, (1856).

Collection Swinhoe, Nilgiri Hills.

Also recorded from North India.

1988. *AGROTIS FRATERNA*.*Agrotis fraterna*, Moore, Descr. Ind. Lep. Atk. ii, p. 116, (1882).*Agrotis fraterna*, Butler, Proc. Zool. Soc. Lond. 1883, p. 160.

Collection Swinhoe, Simla, Kasauli, and Thundiani.

Also recorded from Sikkim and the Nilgiri Hills.

Allied to *A. corticea* of Europe.1989. *AGROTIS (?) HYBLÆA*.*Agrotis hyblæa*, Felder & R. Reise, Novara, pl. 108, fig. 43, (1864-75).

N.-W. Himalayas.

1990. AGROTIS INTAMINATA.

Agrotis intaminata, Walker, Cat. Lep. Het. xxxii, p. 698, (1865).
S. India.

1991. AGROTIS INTRACTA.

Agrotis intracta, Walker, Cat. Lep. Het., x, p. 346, (1856).
Nepal.

1992. AGROTIS JUNCTURA.

Agrotis junctura, Moore, Proc. Zool. Soc. Lond. 1881, p. 351.
Dalhousie.
Allied to *A. hastifera* of Europe.

1993. AGROTIS LASSA.

Agrotis lassa, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 444.
Collection Swinhoe, Mhow.
Allied to *A. repulsa*.

1994. AGROTIS MODESTA.

Agrotis modesta, Moore, Proc. Zool. Soc. Lond. 1881, p. 351
Collection Swinhoe, Cashmir.
Allied to *A. aquilina* of Europe.

1995. AGROTIS PLACIDA.

Agrotis placida, Moore, Descr. Ind. Lep. Atk. ii, p. 117, pl. iv, fig. 19,
(1882).
Cashmir, Calcutta.
Allied to *A. multangula* of Europe.

1996. AGROTIS PLAGIATA.

Agrotis plagiata, Walker, Cat. Lep. Het. B. M., xi, p. 740, (1857).
Tiracola plagiata, Moore, Proc. Zool. Soc. Lond. 1881, p. 352.
Descr. Ind. Lep. Atk. ii, p. 117.
Lep. Ceyl. iii, p. 34, pl. 148, figs. 1 1a (1881).
Agrotis plagifera, Walker, Cat. Lep. Het. B. M. xi, p. 741, (1857).
Ceylon, S. India, Sikkim.

1997. AGROTIS PUNCTIPES.

Agrotis punctipes, Walker, Cat. Lep. Het. B. M. xi, p. 695, (1857).
Moore, Lep. Ceyl. iii, p. 32, (1884).
Ceylon.

1998. AGROTIS QUADRISIGNA.

Agrotis quadrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.
Chersotis quadrisigna, Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
I. M., Kulu (Young), no locality (Swinhoe).
Collection Swinhoe, Solun, Nilgiri Hills, Mahábleswar.
Also recorded from Dehra.
Allied to the European species *A. labyrinthica*, *A. placida*, and
rectangula.

1999. AGROTIS REPULSA.

Agrotis repulsa, Walker, Cat. Lep. Hct. B. M. xxxii, p. 696, (1865).
S. India.

2000. AGROTIS SEGETUM.

Noctua segetum, Schiff., Wien. Verz., p. 252, (1776)*.
Selys Longchamps, Ann. Soc. Ent. Belg. x, Comptes R.,
pp. viii-x, (1867).
Agrotis segetum, Newman, Zool. 1865, p. 9545.
Guérin, Rev. et Mag. de Zool. 1864, p. 58.
Wien., Verz. 81, 12, p. 1, figs. 3a, b,*
Taschenberg, Naturg. Wirbel. Thiere 1865, p. 100, pl. I,
figs. 8-10*.
Künstler, Verh. Zool. Bot. Ges. Wien xvii, p. 932, (1867).
Moore, 2nd Yarkand Mission, p. 10, (1879).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453; and 1886, p.
444.
Trans. Ent. Soc. Lond. 1885, p. 349.
Phalæna (Noctua) segetis, Linn. Syst. Nat. 1, v, p. 2539, No. 1018, (1788-93).
I. M., Prussia (exchange), Kulu (Young), Yarkand (2nd Mission), Solun (Swinhoe), Ceylon (Colombo Museum).
Collection Swinhoe, Solun, Nilgiri Hills, Mhow, Poona, Quetta, Dubrai, Sikkim, Hyderabad (Sind), Thundiani (Punjab).

2001. AGROTIS SUFFUSA.

Noctua suffusa, Fabr., Mant. Ins. ii, p. 157, No. 155. (1787).
Phalæna (Noctua) suffusa, Linn., Syst. Nat. i, 5, p. 2541, No. 1028, (1788-93).
Agrotis suffusa, Tröt., Schmett Eur. v, 1, 152, 15*.
Steph., Ill. Brit. Haust. ii, 116*.
Guén., Noct. i, p. 268*.
Moore, Proc. Zool. Soc. Lond. 1867, p. 53.
Butler, Proc. Zool. Soc. Lond. 1883, p. 160; & 1886, p. 380.
Moore, Lep. Ceyl. iii, p. 33, pl. 147, fig. 6, (1884).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453; & 1886, p.
444.
Trans. Ent. Soc. Lond. 1885, p. 349.
Phalæna idonea, Cram., Pap. Exot. iii, pl. 275, fig. H; and pl. 311, fig. A, (1780).
Bombyx spinula, Esp., Schmett iii, pl. 63, figs. 6, 7.*
Peidroma suffusa, Hübn., Verz. Bek. Schmett, p. 227, No. 2275, (1816).
I. M., Ghazipore, Kulu (Young), Calcutta (Cotes and De-Niceville).
Collection Swinhoe, Solun, Sikkim, Quetta, Mhow, Poona.
Also recorded from Europe, America, Australia, New Zealand, Africa, China, Ceylon.

2002. AGROTIS TIBETANA.

Agrotis tibetana, Moore, Ann. Mag. N. H. 5, i, p. 233, (1878).
2nd Yarkand Mission Lep., p. 10, pl. 1, fig. 16, (1879).
I. M., Type, Moore (2nd Yarkand Mission).

2003. *AGROTIS VANA*.

Agrotis vana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453, pl. 27, fig. 9.
Collection Swinhoe, Satara, Poona.

Genus *Spælotis*.2004. *SPÆLOTIS CORUSCANTIS*.

Spælotis coruscantis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348, pl. 9,
fig. 3.
Collection Swinhoe, Chaman (S. Afghanistan).

2005. *SPÆLOTIS FRAGILIS*.

Spælotis fragilis, Butler, Proc. Zool. Soc. Lond. 1883, p. 160.
Collection Swinhoe, Solun.
Allied to *S. decora* of Europe.

2006. *SPÆLOTIS INDIANA*.

Agrotis indiana, Guén, Noct. i, 502, 500*.
Spælotis indiana, Walker, Cat. Lep. Het, x, p. 372, (1856).
India.

2007. *SPÆLOTIS UNDULANS*.

Spælotis undulans, Moore, Ann. Mag. N. H. (5), i, p. 233, (1878); and ix,
p. 210, (1882).
————— 2nd Yarkand Mission Lep., p. 10, pl. 1, fig. 10,
(1879).
————— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.
————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348.
————— Proc. Zool. Soc. Lond. 1884, p. 516.

I. M., Type Moore (2nd Yarkand Mission).
Collection Swinhoe, S. Afghanistan.
Also recorded from Karachi.
Allied to *S. pyrophila* of Europe.

Genus *Graphiphora*.2008. *GRAPHIPHORA BASISTRIGA*.

Graphiphora basistriga, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
Sikkim.

2009. *GRAPHIPHORA CERASTIOIDES*.

Graphiphora cerastioides, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1959,
(1866).

I. M., Sikkim.

2010. *GRAPHIPHORA COGNATA*.

Graphiphora cognata, Moore, Descr. Ind. Lep. Atk. ii, p. 119, (1882).
————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.
Collection Swinhoe, Sikkim, Poona, Khandalla.

2011. GRAPHIPHORA FASCIATA.

Graphiphora fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 54.
 Walker, Cat. Lep. Het. B. M. xxxv, p. 1959, (1866).
 Sikkim.

2012. GRAPHIPHORA FLAVIRENA.

Graphiphora flavirena, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38,
 fig. 3.
 Descr. Ind. Lep. Atk. ii, p. 118, (1882).
 Sikkim.
 Allied to *G. neglecta*.

2013. GRAPHIPHORA FRONTALIS.

Graphiphora frontalis, Moore, Lep. Ceyl. iii, p. 35, pl. 148, fig. 3, (1884).
 Ceylon.

2014. GRAPHIPHORA INTERSTINCTA.

Graphiphora interstincta, Moore, Descr. Ind. Lep. Atk. ii, p. 118, (1882).
 Sikkim.
 Allied to the European *G. bella*.

2015. GRAPHIPHORA NIGROSIGNA.

Graphiphora nigrosigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl.
 38, fig. 4.
 Descr. Ind. Lep. Atk. ii, p. 118, (1882).
 Sikkim.
 Allied to *G. bella* of Europe.

2016. GRAPHIPHORA C-NIGRUM.

Phalena (Noctua) c-nigrum, Linn., Faun. Suec. 1193*.
 Clerck, Icon., pl. i, fig. 3*.
 Linn., Syst. Nat. i, 5, p. 2542, No. 162,
 (1788-93).
Noctua c-nigrum, Wien., Verz. 77, 7*.
 Fabr., Mant. Ins. ii, p. 154, No. 140, (1787).
 Kock., Beit. Ins. iii, pl. 5, fig. 1*.
 Bork., Eur. Schmett iv, 492, 194*.
 Hübn., Samml. Eur. Schmett Noct., pl. 24, fig. 111*.
 Haw., Lep. Brit. 191*.
 Treit., Schmett Eur. v, 237, 13*.
 God., Hist. Nat. Lep. Fr. ii, 177, pl. 6, fig. 1*.
 Boisd., Ind. Meth. p. 104, No. 777, (1840).
 Guén., Ann. Soc. Ent. Fr. (1), vi, p. 363, (1837).
 Noct. i, 328, 545*.
 Meig., Syst. Besch. iii, 100, 34, pl. 93, fig. 4*.
Bombyx non-atrum, Esp., Schmett, Text, 385*.
 Bork., Eur. Schmett 195*.
Noctua gothica (var. *singularis*), Esp., Schmett iii, pl. 76, fig. 3*.
Megasema c-nigrum, Hübn., Verz. Bek. Schmett, p. 223, No. 2231, (1816).
Graphiphora c-nigrum, Steph., Ill. Brit. Ent. Haust. ii, 136*.
 Westw., & H., Brit. Moths, ii, 132, pl. 26, figs. 4, 5*.

GRAPHIPHORA C-NIGRUM—*continued*.

Graphiphora c-nigrum, Walker, Cat. Lep. Het. B. M. x, p. 389, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 54.

Butler, Ann. Mag. N. H. (5), 5, p. 224, (1880).

— Proc. Zool. Soc. Lond. 1883, p. 161.

— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453.

I. M., Kulu (Young), N. Khasi Hills, Ootacamund (Davison),
Bombay (Swinhoe), Prussia (exchange).

Collection Swinhoe, Simla, Nilgiri Hills, Bombay.

Also recorded from Europe.

2017. GRAPHIPHORA RUBICILIA.

Graphiphora rubicilia, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Walker, Cat. Lep. Het. B. M. xxxv, p. 1959,
(1866).

Sikkim.

2018. GRAPHIPHORA STELLATA.

Graphiphora stellata, Moore, Descr. Ind. Lep. Atk. ii, p. 119, (1882).

Khasi Hills, Sikkim.

2019. GRAPHIPHORA VULPINA.

Graphiphora vulpina, Moore, Descr. Ind. Lep. Atk. ii, p. 118, (1882).

Sikkim.

Allied to *G. sobrina* and *G. festiva* of Europe.

Genus *Ochropleura*.

2020. OCHROPLEURA CONSANGUINEA.

Ochropleura consanguinea, Moore, Proc. Zool. Soc. Lond. 1891, p. 353.

Solun, Dalhousie.

Allied to *O. renalis*.

2021. OCHROPLEURA COSTALIS.

Ochropleura costalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 56.

— Walker, Cat. Lep. Het. B. M. xxxv, p. 1960, (1866).

Collection Swinhoe, Sikkim.

2022. OCHROPLEURA COSTIGERA.

Agrotis costigera, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.

— Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Collection Swinhoe, Solun.

Also recorded from Cherrapunji.

2023. *OCHROPLEURA DITRAPEZIUM*.

Noctua ditrapezium, Bork., Schmett Eur. iv, 515, 206*.

Wien. Verz. 312, 8, 9 (P)*.

Hüb., Samml. Eur. Schmett Noct., pl. 100, fig. 472*.

Treit., Schmett Eur. Suppl. x, 36*.

Guén., Ann. Soc. Ent. Fr. p. 363, vi, (1837).

Noct. i, 329, 547*.

Noctua tristigma, Och., Syst. Gloss. Schmett von Eur. iv*.

Treit., Schmett Eur. v, 253, 15*.

Boisd., Ind. Meth. p. 105, No. 778, (1840).

Megasema ditrapezium, Hüb., Verz. Bek. Schmett p. 223, No. 2229, (1816).

Graphiphora ditrapezium, Steph., Cat. Brit. Lep. 71*.

Walker, Cat. Lep. Het. B. M. x, p. 390, (1856).

Collection Swinhoe, Solun.

Also recorded from Europe.

2024. *OCHROPLEURA FLAMMATRA*.

Phalæna flammata, Linn. Syst. Nat. i, 5, p. 2543, No. 1034, (1788-93).

Noctua flammata, Fabr., Mant. Ins. ii, p. 155, No. 147, (1787).

Ent. Syst. iii, 2, p. 67, No. 190, (1794).

Ogygia flammata, Hüb., Verz. Bek. Schmett p. 225, No. 2252, (1816).

Ochropleura flammata, Walker, Cat. Lep. Het. B. M., x, p. 408, (1856).

Guén., Noct. i, p. 327*.

Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Agrotis basiclavis, Walker, Cat. Lep. Het. B. M., x, p. 346, (1856);
and xi, p. 740, (1857).

I. M., Delhi, Kulu (Young).

Collection Swinhoe, Solun, Campbellpore.

Also recorded from Europe and Brazil.

2025. *OCHROPLEURA RENALIS*.

Ochropleura renalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Bengal.

2026. *OCHROPLEURA SPILOTA*.

Ochropleura spilota, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Bengal.

2027. *OCHROPLEURA TRIANGULARIS*.

Ochropleura triangularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 55.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 453.

Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

I. M., Sikkim.

Collection Swinhoe, Sikkim, Satara, Dharmasala.

Also recorded from Murree.

Allied to *O. musiva* of Europe.

Genus *Epilecta*.2028. *EPILECTA CONFECTA*.

Triphæna confecta, Walker, Cat. Lep. Het. B. M., xv, p. 1705, (1858).

India.

2029. *EPILECTA* *OPULENTA*.*Epilecta opulenta*, Moore, MS.

Butler, Proc. Zool. Soc. Lond. 1883, p. 160.

Collection Swinhoe, Sikkim, Dharmsala, Nilgiri Hills.

2030. *EPILECTA* *PULCHERRIMA*.*Epilecta pulcherrima*, Moore, Proc. Zool. Soc. Lond. 1867, p. 54, pl. 6,
fig. 3.

I. M., Sikkim.

2031. *EPILECTA* *SEMIHERBIDA*.*Triphæna semiherbida*, Walker, Cat. Lep. Het. B. M., xi, p. 743, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 54.

Butler, Proc. Zool. Soc. Lond. 1883, p. 160.

Epilecta semiherbida, Butler, Ill. Typ. Lep. vi, p. 34, pl. 110, fig. 1, (1886).

Collection Swinhoe, Dharmsala.

Also recorded from Sikkim.

Genus *Megasema*.2032. *MEGASEMA* *CINNAMOMEA*.*Megasema cinnamomea*, Moore, Proc. Zool. Soc. Lond. 1881, p. 352, pl. 38,
fig. 6.

Descr. Ind. Lep. Atk. ii, p. 119, (1882).

Sikkim.

Genus *Hermonassa*.2033. *HERMONASSA* *CHALYBEATA*.*Hermonassa chalybeata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 353, pl. 38,
fig. 17.

Descr. Ind. Lep. Atk. ii, p. 119, (1882).

Sikkim.

Allied to *H. consignata*.2034. *HERMONASSA* *CONSIGNATA*.*Hermonassa consignata*, Walker, Cat. Lep. Het. B. M., xxxii, p. 632, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 49.

I. M., specimens with no history.

Collection Swinhoe, Sikkim.

2035. *HERMONASSA* *CUPRINA*.*Hermonassa cuprina*, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).

Collection Swinhoe, Sikkim.

2036. *HERMONASSA* *INCISA*.*Hermonassa incisa*, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).

Sikkim.

2037. HERMONASSA LUNATA.

Hermonassa lunata, Moore, Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Cashmir.

2038. HERMONASSA SINUATA.

Hermonassa sinuata, Moore, Proc. Zool. Soc. Lond. 1881, p. 353, pl. 38,
fig. 5.
————— Descr. Ind. Lep. Atk. ii, p. 120, (1882).
Sikkim.
Allied to *H. cuprina*.

Genus **Rusina**.

2039. RUSINA DOCILIS.

Rusina docilis, Walker, Cat. Lep. Hct. B. M., xi, p. 735, (1857).
N. India.

FAMILY APAMIIDÆ.

Genus **Berresa**.

2040. BERRESA NATALIS.

Berresa natalis, Walker, Cat. Lep. Hct. B. M. xvi, p. 214, (1858).
————— Moore, Lep. Ceyl. iii, p. 26, pl. 146, fig. 3, (1884).
Ceylon.

Genus **Dipterygia**.

2041. DIPTERYGIA INDICA.

Dipterygia indica, Moore, Proc. Zool. Soc. Lond. 1867, p. 51.
Sikkim.

2042. DIPTERYGIA SIKKIMA.

Dipterygia sikkima, Moore, Descr. Ind. Lep. Atk. ii, p. 105, (1882).
Sikkim.

2043. DIPTERYGIA SUBCURVA.

Hadena subcurva, Walker, Cat. Lep. Hct. B. M., xi, p. 592, (1857).
Hadena postica, Walker, loc. cit., p. 594.
Dipterygia subcurva, Moore, Lep. Ceyl. iii, p. 17, pl. 145, fig. 8, (1884).
Ceylon.

Genus **Sasunaga**.

2044. SASUNAGA TENEBROSA.

Hadena tenebrosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 59.
Sasunaga tenebrosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 343.
————— Descr. Ind. Lep. Atk. ii, p. 106, (1882).
————— Lep. Ceyl. iii, p. 16, pl. 117, fig. 7, (1884).
————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.

Collection Swinhoe, Poona.

Also recorded from Bengal and Sikkim.

Genus **Thalpophila**.2045. **THALPOPHILA CALOPISTRIOIDES.**

Thalpophila calopistrioides, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.
N. India.

2046. **THALPOPHILA CUPREA.**

Thalpophila cuprea, Moore, Proc. Zool. Soc. Lond. 1877, p. 604, pl. 59,
fig. 10.
Andaman Islands.

2047. **THALPOPHILA DELINEATA.**

Thalpophila delineata, Moore, Lep. Ceyl. iii, p. 25, pl. 146, fig. 5,
(1884).
Ceylon.

2048. **THALPOPHILA INDICA.**

Thalpophila indica, Moore, Proc. Zool. Soc. Lond. 1881, p. 341.
N.-W. Himalayas.
Allied to the European *T. texta*.

Genus **Apamea**.2019. **APAMEA BASALIS.**

Apamea basalis, Moore, Proc. Zool. Soc. Lond. 1881, p. 316.
Dalhousie.

2050. **APAMEA CONSANGUIS.**

Hadena consanguis, Guén, Noct. ii, p. 97, 810*.
Walker, Cat. Lep. Het. B. M., xi, p. 593, (1857).
Apamea undicilia, Walker, loc. cit., ix, p. 251, (1856).
Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
Apamea consanguis, Moore, Lep. Ceyl. iii, p. 28, (1884).
Collection Swinhoe, Umballa. Solun, Sikkim.
Also recorded from Central India and Ceylon.

2051. **APAMEA CUPRINA.**

Apamea cuprina, Moore, Proc. Zool. Soc. Lond. 1881, p. 345, pl. 38, fig. 2.
Descr. Ind. Lep. Atk. ii, p. 107, (1882).
Sikkim.
Allied to *A. leucostigma*.

2052. **APAMEA DENTICULOSA.**

Apamea denticulosa, Moore, Descr. Ind. Lep. Atk. ii, p. 109, pl. 4, fig. 13,
(1882).
Sikkim.

2053. *APAMEA FLAVISTIGMA.*

Xylophasia flavistigma, Moore, Proc. Zool. Soc. Lond., 1867, p. 50.
Bengal.

2054. *APAMEA LATIFASCIATA.*

Apamea latifasciata, Moore, Proc. Zool. Soc. Lond. 1881, p. 345.
Collection Swinhoe, Kulu.
Also recorded from Manpuri.

2055. *APAMEA LEUCOSTIGMA.*

Xylophasia leucostigma, Moore, Proc. Zool. Soc. Lond., 1867, p. 51.
Bengal.

2056. *APAMEA MUCRONATA.*

Apamea mucronata, Moore, Proc. Zool. Soc. Lond. 1881, p. 345, pl. 38,
fig. 8.
————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).
————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.
I. M., Kulu (Young).
Collection Swinhoe, Poona, Khandalla, Nilgiri Hills.
Also recorded from Sikkim.
Allied to *A. consanguis*.

2057. *APAMEA NUBILA.*

Apamea nubila, Moore, Proc. Zool. Soc. Lond. 1881, p. 346, pl. 38, fig. 10.
————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).
Sikkim.

2058. *APAMEA OBLIQUIORBIS.*

Apamea obliquiorbis, Moore, Descr. Ind. Lep. Atk. ii, p. 109, (1882).
Sikkim.
Allied to *A. flavistigma*.

2059. *APAMEA PANNOSA.*

Apamea pannosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 345.
————— Lep. Ceyl. iii, p. 27, pl. 147, fig. 1, (1884).
Collection Swinhoe, Ceylon.
Also recorded from the Nilgiri Hills.

2060. *APAMEA SELECTA.*

Xylophasia selecta, Walker, Cat. Lep. Het. B. M. xxxii, p. 646, (1865).
India.

2061. *APAMEA SIKKIMA.*

Apamea sikkima, Moore, Descr. Ind. Lep. Atk. ii, p. 109, (1882).
Sikkim.

2062. *APAMEA STRIGIDISCA*.

Apamea strigidisca, Moore, Proc. Zool. Soc. Lond. 1881, p. 346, pl. 38, fig. 9.

————— Descr. Ind. Lep. Atk. ii, p. 108, (1882).

Sikkim.

2063. *APAMEA VIRIATA*.

Apamea viriata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.

Collection Swinhoe, Poona, Khandalla, Nilgiri Hills.

Closely allied to *A. latifasciata*.

Genus *Motama*.2064. *MOTAMA AURATA*.

Motama aurata, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 10, (1882).

Sikkim.

2065. *MOTAMA CIDARIOIDES*.

Motama cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 9, (1882).

Sikkim.

2066. *MOTAMA DECORATA*.

Motama decorata, Moore, Descr. Ind. Lep. Atk. ii, p. 110, pl. 4, fig. 11, (1882).

Sikkim.

Genus *Mamestra*.2067. *MAMESTRA ALBIFLEXURA*.

Mamestra albiflexura, Walker, Cat. Lep. Het. B. M., xi, p. 726, (1857).

India.

2068. *MAMESTRA ALBIRENA*.

Mamestra albirena, Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

Calcutta, Sikkim.

2069. *MAMESTRA BRASSICÆ*.

Phalæna (Noctua) brassicæ, Linn., Syst. Nat. i, 5, p. 2542, No. 103, (1788-93).

————— Faun. Succ. p. 319, No. 1205, (1761).

Noctua brassicæ, Wien., Verz. 81, 21*.

————— Fabr., Ent. Syst. iii, 2, p. 67, No. 189, (1794).

————— Boik., Eur. Schmett iv, 584, 242*.

————— Steph., Ins. ii, pl. 1*.

————— Esp., Schmett, iv, pl. 159, figs. 1-6*.

————— Hübn., Eur. Schmett Noct., pl. 18, fig. 88*.

————— Haw., Lep. Brit. 191*.

MAMESTRA BRASSICÆ—continued.

- Mamestra brassicæ*, Treit., Schmett v, 2, 150, 9*.
 ————— Dup., Hist. Nat. Lep. Fr. vii, 149, pl. 102, fig. 5*.
 ————— Steph., Ill. Brit. Ent. Haust. ii, 194*.
 ————— Westw. & H. Brit., Moths i, 174, pl. 36, figs. 8, 9*.
 ————— Guén., Noct. i, 193, 314.
Hadena brassicæ, Boisd., Ind. Meth., p. 118, No. 915, (1840).
Polia brassicæ, Herr, Schaff. Eur. Schmett ii, 270, 269*.
Noctua (Mamestra) brassicæ, Meig., Handb. 166, 45*.
 ————— Syst. Besch. iii, 140, 106, pl. 104, fig. 11*.
Barathra brassicæ, Hübn., Verz. Bek. Schmett. p. 218, No. 2184, (1816).
Noctua albidilinea, Haw., Lep. Brit. 191*.
Mamestra albidilinea, Steph., Ill. Brit. Ent. Haust. ii, 195*.
Mamestra brassicæ, Walker, Cat. Lep. Het. B. M. ix, p. 230, (1856).
 ————— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
 I. M., Prussia (exchange), Kulu (Young), Sinagar (2nd Yarkand Mission).
 Collection Swinhoe, Solun, Kasauli, and Thundiani (Punjab).
 Also recorded from Europe and Simla.

2070. MAMESTRA CANESCENS.

- Mamestra canescens*, Moore, Ann. Mag. N. H. (5), i, p. 233, (1878).
 I. M., Type Moore (2nd Yarkand Mission).

2071. MAMESTRA CHALYBEATA.

- Mamestra chalybeata*, Walker, Cat. Lep. Het. B. M. xxxii, p. 665, (1865).
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.
 I. M., Sikkim, N. Khasi Hills, Kulu (Young), Muddapore (Brooks).

2072. MAMESTRA CULTA.

- Mamestra culta*, Moore, Proc. Zool. Soc. Lond. 1881, p. 347.
 Dalhousie.

2073. MAMESTRA DECORATA.

- Mamestra decorata*, Moore, Descr. Ind. Lep. Atk. ii, p. 111, pl. iv, fig. 8, (1882).
 Sikkim.

2074. MAMESTRA DOLOROSA.

- Mamestra dolorosa*, Walker, Cat. Lep. Het. B. M. xxxii, p. 667, (1865).
 ————— Butler, Proc. Zool. Soc. Lond. 1883, p. 159.
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451 and 1886, p. 443.
 Collection Swinhoe, Solun, Mhow, Satara, Poona, Nilgiri Hills.
 Also recorded from Ceylon.

2075. MAMESTRA INFAUSTA.

- Mamestra infausta*, Walker, Cat. Lep. Het. B. M., ix, p. 237, (1853).
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.
 Collection Swinhoe, Sikkim, Solun, Thundiani.
 Also recorded from Sylhet.

2076. *MAMESTRA METALLICA.*

Mamestra metallica, Walker, Cat. Lep. Het. B. M. xxxii, p. 666, (1865)
and xxxv, p. 1957, (1866).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

I. M., Sikkim.

2077. *MAMESTRA NIGROCUPREA.*

Mamestra nigrocuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Bengal.

2078. *MAMESTRA OPPOSITA.*

Mamestra opposita, Walker, Cat. Lep. Het. B. M. xxxii, p. 667, (1865).

————— Moore, Lep. Ceyl. iii, p. 24, (1884).

Collection Swinhoe, Solun.

Also recorded from Ceylon and South India.

2079. *MAMESTRA SIKKIMA.*

Mamestra sikkima, Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1957, (1866).

Collection Swinhoe, Sikkim.

2080. *MAMESTRA STOLICZKÆ.*

Mamestra stoliczkæ, Felder & R. Reise, Novara Lep., pl. 109, fig. 32,
(1864-75).

————— Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Collection Swinhoe, Darjiling.

Also recorded for Dalhousie, Sind, Cashmir.

Allied to *M. serratilinea* of Europe.

2081. *MAMESTRA SUFFUSA.*

Mamestra suffusa, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Bengal.

2082. *MAMESTRA RENALBA.*

Mamestra renalba, Moore, Descr. Ind. Lep. Atk. ii, p. 111, (1882).

Sikkim.

Genus *Prospalta*.2083. *PROSPALTA ALBOMACULATA.*

Mamestra albomaculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

————— Walker, Cat. Lep. Het. B. M. xxxv, p. 1957,
(1866).

I. M., Kulu (Young), Sikkim.

2084. *PROSPALTA LEUCOSPILA*.

Prospalta leucospila, Walker, Cat. Lep. Het. B. M. xiii, p. 1114, (1857).
 ——— Moore, Proc. Zool. Soc. Lond. 1881, p. 347.

Collection Swinhoe, Sikkim.

Allied to *P. stellata*.

2085. *PROSPALTA STELLATA*.

Prospalta stellata, Moore, Descr. Ind. Lep. Atk. ii, p. 111, (1882).

Sikkim.

Allied to *P. leucospila* and *P. albomaculata*.

Genus *Ilattia*.2086. *ILATTIA APICALIS*.

Ilattia apicalis, Moore, Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2087. *ILATTIA CALAMISTRATA*.

Ilattia calamistrata, Moore, Proc. Zool. Soc. Lond. 1881, p. 348.

Khasi Hills.

2088. *ILATTIA CEPHUSALIS*.

Ilattia cephusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 209, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1877, p. 604.

————— Butler, Proc. Zool. Soc. Lond. 1893, p. 159.

————— Moore, Lep. Ceyl. iii, p. 27, pl. 146, figs. 4, 4a, (1884).

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 616; 1885, p. 451; and 1886, p. 443.

Amyna cephusalis, Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

Miana inornata, Walker, Cat. Lep. Het. B. M. xxii, p. 677, (1865).

I'crigea leucospila, Walker, loc. cit. xxxii, p. 683.

Collection Swinhoe, Mhow, Karachi, Solun, Bombay, Poona,
 Nilgiri Hills.

I. M., Karachi, Poona and Bombay (Swinhoe).

Also recorded from Ceylon, the Andaman Islands, and Chiuu.

2089. *ILATTIA CERVINA*.

Ilattia cervina, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38, fig. 12.

————— Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2090. *ILATTIA CUPREIPENNIS*.

Ilattia cupreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Collection Swinhoe, Sikkim.

Allied to *I. cephusalis*.

2091. *ILATTIA MONILIS*.

Ilattia monilis, Moore, Proc. Zool. Soc. Lond. 1881, p. 348, pl. 38, fig. 11.

————— Descr. Ind. Lep. Atk. ii, p. 112, (1882).

Sikkim.

2092. *ILATTIA RENALIS*.

Ilattia renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 113, (1882).

Sikkim.

Allied to *I. apicalis*.

Genus *Chandata*.2093. *CHANDATA PARTITA*.

Chandata partita, Moore, Descr. Ind. Lep. Atk. ii, p. 114, pl. 4, fig. 16, (1882).

Sikkim.

Genus *Luperina*.2094. *LUPERINA LAGENIFERA*.

Luperina lagenifera, Moore, Descr. Ind. Lep. Atk. ii, 114, (1882).

Sikkim.

2095. *LUPERINA OLIVASCENS*.

Luperina olivascens, Moore, Descr. Ind. Lep. Atk. ii, p. 114, (1882).

Sikkim.

2096. *LUPERINA PARDARIA*.

Luperina parduria, Moore, Lep. Atk. ii, p. 114, pl. 4, fig. 12, (1882).

Sikkim.

Genus *Pachætra*.2097. *PACHÆTRA HETEROCAMPA*.

Pachætra heterocampa, Moore, Descr. Ind. Lep. Atk. ii, p. 115, pl. 4, fig. 15, (1882).

Sikkim.

Genus *Perigea*.2098. *PERIGEIA APAMEOIDES*.

Perigeia apameoides, Guén., Noct. i, p. 229^a.

Moore, Proc. Zool. Soc. Lond. 1867, p. 53.

S. Andaman Islands, Calcutta.

2099. *PERIGEIA CENTRALIS*.

Perigea centralis, Walker, Cat. Lep. Het. B. M. xi, p. 734, (1857).

— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 410.

— Moore, Lep. Ceyl. iii, p. 2^a, pl. 147, figs. 2, 2^a, (1884).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and 1886, p. 443.

Cilena serra, Walker, *loc. cit.* xv, p. 1689, (1858).

Perigea serra, Butler, Proc. Zool. Soc. Lond. 1883, p. 159.

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and p. 443^b.

Perigea illecta, Walker, *loc. cit.* xxxii, p. 684, (1865).

PERIGEA CENTRALIS—*continued*.

Perigea canorufa, Walker, *loc. cit.*, xxxii, p. 663, (1865).

Hadena spargens, Walker, *loc. cit.*, xxxiii, p. 739, (1865).

Hadena taprobana, Felder & R. Reise, *Novara Lep.*, pl. 110, fig. 3, (1864-75).

I. M., Sikkim (Swinhoe), Kulu (Young), Sibsagar (Peal).

Collection Swinhoe, Solun, Sikkim, Mhow, Poona, Bombay, Nilgiri Hills.

Also recorded from Ceylon and the Andaman Islands.

2100. PERIGEA GALAXIA.

Perigea galaxia, Butler, *Proc. Zool. Soc. Lond.* 1883, p. 159.

Collection Swinhoe, Solun, Mandi, Sikkim.

2101. PERIGEA SIKKIMENSIS.

Celona sikkimensis, Moore, *Proc. Zool. Soc. Lond.* 1881, p. 343, pl. 38⁷ fig. 16.

————— *Descr. Ind. Lep. Atk.* ii, p. 113, (1882).

Sikkim.

2102. PERIGEA SUPPLEX.

Perigea supplex, Swinhoe, *Proc. Zool. Soc. Lond.*, 1885, p. 452.

Collection Swinhoe, Poona, Bombay.

Allied to *P. centralis*.

2103. PERIGEA TRICYCLA.

Perigea tricycla, Guén., *Noct.* i, p. 226, 359*.

————— Walker, *Cat. Lep. Het. B. M.*, x, p. 275, (1856).

————— Moore, *Proc. Zool. Soc. Lond.* 1867, p. 53.

Syllhet.

Genus *Amyna*.

2104. AMYNA SELENAMPRA.

Amyna selenampra, Guén., *Noct.* i, p. 406*.

————— Walker, *Cat. Lep. Het. B. M.*, x, p. 300, (1856); and xv, (1858).

————— Moore, *Proc. Zool. Soc. Lond.* 1867, p. 53; 1877, p. 604.

————— *Lep. Ceyl.* iii, p. 30, pl. 147, figs. 3, 3a, (1881).

Alamis spoliata, Walker, *loc. cit.*, xiii, p. 1050, (1857).

Hadena latipennis, Walker, *loc. cit.* xxxiii, p. 738, (1865).

I. M., Buxa (Moti Ram), Ceylon (Colombo Museum), Sikkim (Swinhoe), Cachar (Wood-Mason), Sibsagar (Peal), Ranchi (Irvine).

Collection Swinhoe, Sikkim, Solun, Ceylon, Buxar, Bhootan, Nilgiri Hills.

Also recorded from Andaman Islands, Manilla, and China.

Genus *Caradrina*.2105. *CARADRINA ARENACEA*.

Caradrina arenacea, Moore, Proc. Zool. Soc. Lond. 1881, p. 349.
 ----- Descr. Ind. Lep. Atk. ii, p. 115, (1882).
 ----- Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

I. M., Kulu (Young), Umballa (Swinhoe).
 Collection Swinhoe, Umballa, Sikkim, Kulu, Solun.
 Also recorded from Mussoorie.

2106. *CARADRINA BELUCHA*.

Caradrina belucha, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 348, pl. 9,
 fig. 2.

Collection Swinhoe, Quetta.
 Allied to *C. insignata*.

2107. *CARADRINA BREMUSA*.

Caradrina bremusa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.
 Collection Swinhoe, Poona.

2108. *CARADRINA CUBICULARIS*.

Noctua cubicularis, Wein., Verz. 726*.
 ----- Bork., Eur. Schmett. iv, 212, 97*.
 ----- Hübn., Samml. Eur. Schmett. Noct., pl. 89, fig. 417*.
 ----- Dup., Hist. Nat. Lep. Fr. vi, pl. 76, fig. 1*.
Noctua quadripunctata, Fabr., Sp. Ins. ii, p. 214, No. 25, (1781).
 ----- Mant. Ins. ii, p. 139, No. 35, (1787).
 ----- Ent. Syst. iii, 2, p. 22, No. 46, (1794).
Phalæna quadripunctata, Linn., Syst. Nat. i, 5, p. 2535, No. 1003, (1788-93).
Noctua segetum, Esp., Schmett. iv, pl. 150, figs. 4, 5*.
Athetis cubicularis, Hübn., Verz. Bek. Schmett., p. 209, No. 2091, (1816).
Caradrina cubicularis, Herr Schäffer, Eur. Schmett. 209, 87*.
 ----- Westw. & H. Brit., Moths. i, 145, pl. 29, fig. 15*.
 ----- Walker, Cat. Lep. Het. B. M., x, p. 291, (1856),
 and xi, p. 735, (1857).
 ----- Buckler, Entomologist, ii, p. 205, (1865).
 ----- Ent. M. Mag. i, p. 213, (1865).

Europe, India.

2109. *CARADRINA DELECTA*.

Caradrina delecta, Moore, Proc. Zool. Soc. Lond. 1881, p. 349, pl. 33,
 fig. 15.
 ----- Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Sikkim.
 Allied to *C. kadeni* of Europe.

2110. *CARADRINA DEROGATA*.

Caradrina derogata, Walker, Cat. Lep. Het. B. M., xi, p. 687, (1857).
 India.

2111. *CARADRINA HÜGELI*.

Caradrina hügelii, Felder & R. Reise, Novara Lep., pl. 109, fig. 13,
(1864-75).

Natal, Bengal.

2112. *CARADRINA INSIGNATA*.

Caradrina insignata, Walker, Cat. Lep. Het. B. M., x, p. 295, (1856).

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; and
1885, p. 451.

Collection Swinhoe, Karachi, Solun, Poona.

Also recorded from South Africa.

2113. *CARADRINA PAUCIFERA*.

Caradrina paucifera, Walker, Cat. Lep. Het. B. M., x, p. 298, (1856).

India.

2114. *CARADRINA SABULOSA*.

Caradrina sabulosa, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516, pl. 47,
fig. 6.

———— Butler, Proc. Zool. Soc. Lond. 1886, p. 379.

Collection Swinhoe, Karachi, and Campbellpore.

2115. *CARADRINA VENOSA*.

Caradrina venosa, Butler, Ent. M. M. xvii, p. 7, (1880).

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516.

Karachi.

Also recorded from Honolulu.

Genus *Dadica*.

2116. *DADICA LINEOSA*.

Dadica lineosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 349.

Punjab Hills.

Genus *Spodoptera*.

2117. *SPODOPTERA CILIUM*.

Spodoptera cilium, Guén., Noct. i, p. 156, (1852).*

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 51; and 1877,
p. 604.

———— Butler, Proc. Zool. Soc. Lond. 1881, p. 617.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451; and 1886,
p. 444.

———— Trans. Ent. Soc. Lond. 1885, p. 347.

Spodoptera insula, Walker, Cat. Lep. Het. B. M. xxii, p. 648, (1865).

I. M., Andaman Islands, Karachi (Swinhoe).

Collection Swinhoe, Karachi, Umballa, Solun, Mhow, Bombay,
Poona.

Also recorded from Quetta, Dubrai, and Java.

Genus *Prodenia*.2118. *PRODENIA* *APERTURA*.

Prodenia apertura, Walker, Cat. Lep. Het. B. M. xxxii, p. 654, (1865).
 ———— Moore, Lep. Ceyl. iii, p. 20, (1884).

Ceylon.

Possibly the female of *P. littoralis*.

2119. *PRODENIA* *CARADRINOIDES*.

Laphygma (?) caradrinoides, Walker, Cat. Lep. Het. B. M. ix, p. 190,
 (1856).

Prodenia caradrinoides, Butler, Proc. Zool. Soc. Lond. 1886, p. 380.

Campbellpore.

Also recorded from South Africa.

2120. *PRODENIA* *LITTORALIS*.

Hadena littoralis, Boisd., Faun. Ent. Madag. Lep., p. 91, pl. 13, fig. 8,
 (1834).*

————— Moore, Lep. Ceyl. iii, p. 19, pl. 146, figs. 1, 1a, 1b,
 (1884).

Neuria retina, Freyer, Beitr. Schmett v, p. 161, pl. 478, figs. 2, 3, (1816) *
 ———— Herr Schöff., Eur. Schmett ii, p. 292, pl. 29, figs. 141 and
 145.*

Prodenia retina, Guén., Noct. i, p. 163, (1852).*

————— Walker, Cat. Lep. Het. B. M. ix, p. 192, (1856).

————— Forsayeth, Trans. Ent. Soc. Lond. 1881, p. 410.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450; and 1886,
 p. 443.

Prodenia ciligera, Guén., Noct., p. 164, (1852).*

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 51; and 1877,
 p. 604.

Prodenia testaceoides, Guén., Noct., p. 165, pl. 6, fig. 7, (1852).*

————— Walker, loc. cit., p. 195, (1856).

Prodenia glaucistriga, Walker, loc. cit., p. 197, (1856).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.

————— Butler, Ill. Typ. Lep. Het. vi, p. 34, pl. 109, fig. 9,
 (1886).

Prodenia subterminalis, Walker, loc. cit., p. 196, (1856).

Prodenia declinata, Walker, loc. cit., xi, p. 723, (1857).

I. M., Calcutta, Andaman Islands (purchased), Kulu (Young),
 Cachar (Wood-Mason), Nicobar Islands (De Niceville),
 Sibsagar, Shillong.

Collection Swinhoe, Kasauli, Poona, Bombay, Hyderabad
 (Sind), Meow.

Also recorded from Europe, Africa, Madagascar, Madeira, Asia
 Minor, Ceylon, Formosa, Mauritius.

2121. *PRODENIA* *NUBES*.

Spodoptera nubes, Guén., Noct. i, p. 155, (1852).*

————— Walker, Cat. Lep. Het. B. M. ix, p. 186, (1856); xxxii,
 p. 647, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1877, p. 604.

Spodoptera filium, Guén., Noct. 155, (1852).*

Prodenia infecta, Walker, loc. cit. ix, p. 190, (1856).

PRODENIA NUBES—*continued*.

Prodenia infecta Moore, Proc. Zool. Soc. Lond. 1867, p. 51.

Butler, Ill. Typ. Lep. Het. vi, p. 33, pl. 109, fig. 8, (1886).

Prodenia insignata, Walker, loc. cit. ix, p. 197, (1856).

Agrotis transducta, Walker, loc. cit. x, p. 344, (1856).

Laphygma squalida, Walker, loc. cit. xxxii, p. 652, (1865).

Prodenia venustula, Walker, loc. cit., p. 654, (1865).

Agrotis submarginalis, Walker, loc. cit., p. 699, (1865).

Prodenia permunda, Walker, loc. cit. xi, p. 723, (1857).

Laphygma infecta, Butler, Proc. Zool. Soc. Lond. 1883, p. 168.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 450.

Prodenia nubes, Moore, Lep. Ceyl. iii, p. 19, (1884).

Spodoptera infecta, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 414.

I. M., Bombay (Swinhoe), Sibsagar (Peal).

Collection Swinhoe, Kasauli, Bombay, Poona, Umballa, Mhow, Karachi, Ceylon.

Also recorded from Java, Otaheite, Andaman Islands, Formosa, Siam.

2122. LAPHYGMA EXIGUA.

Noctua exigua, Hübn., Samml. Eur. Schmett Noct., fig. 362.*

Telmia exigua, Hübn., Verz. Bek. Schmett, p. 228, No. 2286, (1816).

Caradrina exigua, Treit., Schmett Eur. ii, 251, Suppl. x, 81.*

Dup., Hist. Nat. Lep. France, iii, 45, pl. 75.*

Boisd., Ind. Meth., p. 138, No. 1112, (1840).

Guén., Ann. Soc. Ent. France, vi, p. 345, (1837).

Herr Schaffer, Eur. Schmett, ii, 212, 99.*

Noct. ii, pl. 66, fig. 44.*

Laphygma exigua, Guén., Noct. i, 158, 252.*

Walker, Cat. Lep. Het. B. M. ix, p. 188, (1856).

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 516; 1885, p. 450; and 1886, p. 443.

I. M., Karachi (Swinhoe), Kulu (Young).

Collection Swinhoe, Poona, Bombay, Mhow, Karachi, Quetta, Solun, Sabathu.

Also recorded from Europe.

2123. LAPHYGMA OBSTANS.

Laphygma obstans, Walker, Cat. Lep. Het. B. M., xxxii, p. 653, (1865).

Moore, Lep. Ceyl. iii, p. 17, (1884).

Ceylon.

2124. LAPHYGMA TRAJICIENS.

Laphygma trajiciens, Walker, Cat. Lep. Het. B. M., xxxii, p. 653, (1865).

Moore, Lep. Ceyl. iii, p. 18, (1884).

Ceylon.

Genus Acosmetia.

2125. ACOSMETIA NEBULOSA.

Acosmetia nebulosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 350, pl. 38, fig. 13.

Descr. Ind. Lep. Atk. ii, p. 116, (1882).

Sikkim.

2126. ACOSMETIA-NIGRESCENS.

Acosmetia nigrescens, Moore, Proc. Zool. Soc. Lond. 1881, p. 350.
Bombay.

Genus **Ozarba**.

2127. OZARBA ITWARRA.

Ozarba itwarra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig.
14.
Collection Swinhoe, Poona, Karachi.

2128. OZARBA MALLARBA.

Ozarba mallarba, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig.
3.
Collection Swinhoe, Poona.

2129. OZARBA PUNCTIGERA.

Ozarba punctigera, Walker, Cat. Lep. Het. B. M. xxxii, p. 685, (1865).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452.
Collection Swinhoe, Satara, Poona, Bombay.
Also recorded from China and Australia.

Genus **Oxira**.

2130. OXIRA OCHRACEA.

Oxira ochracea, Walker, Cat. Lep. Het. B. M. xxxii, p. 657, (1865).
Moore, Lep. Ceyl. iii, p. 23, (1884).
Ceylon.

Genus **Hydræcia**.

2131. HYDRÆCIA KHASIANA.

Hydræcia khasiana, Moore, Proc. Zool. Soc. Lond. 1881, p. 342, pl. 37, fig.
5.
Descr. Ind. Lep. Atk. ii, p. 105, (1882).
Khasi Hills.
Allied to *H. petasitis* of Great Britain.

2132. HYDRÆCIA LAMPADIFERA.

Hydræcia lampadifera, Walker, Cat. Lep. Het. B. M. xxxii, p. 643,
(1865).
Moore, Lep. Ceyl. iii, p. 15, (1884).
Ceylon.

2133. HYDRÆCIA NAXIAOIDES.

Hydræcia naxiaoides, Moore, Proc. Zool. Soc. Lond. 1867, p. 50.
Bengal.

2134. HYDRÆCIA TIBETANA.

Hydræcia tibetana, Moore, Ann. Mag. N. H. (5), i, p. 232, (1878).
Ladak.

Genus **Hydrilla**.2135. **HYDRILLA DENTICULOSA.**

Miana denticulosa, Walker, Cat. Lep. Het. B. M. xxxii, p. 676, (1865).

Hydrilla denticulosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 451.

Collection Swinhoe, Poona, Bombay.

Also recorded from S. India.

2136. **HYDRILLA HONESTA.**

Miana honesta, Walker, Cat. Lep. Het. B. M. xxxii, p. 677, (1865).

South India.

Genus **Calogramma**.2137. **CALOGRAMMA FESTIVA.**

Noctua festiva, Donov., Epit. Ins. New-Holl. (1805).*

Polia picta, Boisd., Voy. de l'Astrolabe, pt. 1, Lep., p. 241, (1832)*.

Guén., Noct. i, p. 166.*

Noctua picta, Guén. Voy. de la Coquille ii, p. 285, pl. 19, fig. 7*.

Calogramma picta, Guén., Noct. i, p. 166, 263*.

Calogramma festiva, Walker, Cat. Lep. Het. B. M., ix, p. 198, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Lep. Ceyl. iii, p. 21, pl. 146, fig. 6, (1864).

Bengal, Ceylon, Australia.

Genus **Rhizogramma**.2138. **RHIZOGRAMMA INDICA.**

Xylophasia indica, Walker, Cat. Lep. Het. B. M., xxxii, p. 617, (1865).

I. M., Kulu (Young).

Collection Swinhoe, Solun.

2139. **RHIZOGRAMMA INEXTRICATA.**

Rhizogramma inextricata, Moore, Proc. Zool. Soc. Lond. 1881, p. 342.

Butler, Proc. Zool. Soc. Lond. 1881, p. 619.

I. M., Kulu (Young).

Collection Swinhoe, Solun, Nilgiri Hills.

Allied to *R. indica*, and to the European *R. petrorrhiza*.

Also recorded from Dalhousie.

2140. **RHIZOGRAMMA UNILINEA.**

Rhizogramma unilinea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 452, pl. 27, fig. 7.

Poona.

Genus **Chiripha**.2141. **CHIRIPHA INVOLUTA.**

Chiripha involuta, Walker, Cat. Lep. Het. B. M., x, p. 201, (1856).

Collection Swinhoe, Kasauli.

Genus *Neuria*.2142. *NEURIA DISCREPANS*.

Heliophobus discrepans, Walker, Cat. Lep. Het. B. M., xxxii, p. 655, (1865).

Neuria discrepans, Moore, Lep. Ceyl. iii, p. 22, (1884).

Ceylon.

2143. *NEURIA DISSECTA*.

Heliophobus dissectus, Walker, Cat. Lep. Het. B. M., xxxii, p. 656, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 52.

Neuria dissecta, Moore, Lep. Ceyl. iii, p. 22, pl. 146, fig. 7, (1884).

Collection Swinhoe, Ceylon.

Also recorded from Bengal.

2144. *NEURIA INCISA*.

Neuria incisa, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.

Butler, Proc. Zool. Soc. Lond. 1883, p. 158.

Collection Swinhoe, Simla, Sikkim.

Also recorded from Umballa, Dalhousie, and Solun.

2145. *NEURIA RETRAHENS*.

Hadena retrahens, Walker, Cat. Lep. Het. B. M., xi, p. 757, (1857); and
xxxiii, p. 727, (1865).

Neuria retrahens, Moore, Lep. Ceyl. iii, p. 21, (1884).

Ceylon.

2146. *NEURIA SEPARATA*.

Neuria separata, Moore, Descr. Ind. Lep. Atk. ii, p. 107, (1882).

Sikkim.

Allied to *N. saponaria* of Europe.

2147. *NEURIA SIMILLIMA*.

Neuria simillima, Moore, Proc. Zool. Soc. Lond. 1881, p. 344.

Collection Swinhoe, Solun.

2148. *NEURIA SIMULATA*.

Neuria simulata, Moore, Proc. Zool. Soc. Lond. 1881, p. 343, pl. 38, fig. 1.
Descr. Ind. Lep. Atk., ii, p. 107, (1882).

Sikkim.

Allied to *N. separata*.

Genus *Gortyna*.2149. *GORTYNA CUPREA*.

Gortyna cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 50, pl. 0, fig. 8.

Sikkim.

FAMILY PLUSIIDÆ.

Genus *Westermannia*.2150. *WESTERMANNIA SUPERBA*.

Westermannia superba, Hübn., Samml. Exot., Schmett ii, 23, 162, figs. 323, 324, (1823).*

————— Verz. Bek. Schmett, p. 250, No. 2470, (1816).

————— Walker, Cat. Lep. Het. B. M., xii, p. 975, (1857).

————— Moore, Lep. Ceyl. iii, p. 80, pl. 154, figs. 1, 1a, (1884).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Plusiodes westermannii, Guén., Noct. ii, 386, 1247.*

Collection Swinhoe, Bombay, Poona, Khandalla.

Also recorded from Java and Ceylon.

2151. *WESTERMANNIA TRIANGULARIS*.

Westermannia triangularis, Moore, Proc. Zool. Soc. Lond. 1877, p. 605.

I. M., Sibsagar (Peal).

Collection Swinhoe, Ardaman Islands.

Genus *Nagasena*.2152. *NAGASENA ALBESCENS*.

Nagasena albescens, Moore, Descr. Ind. Lep. Atk. ii, p. 152, (1882).

Sikkim.

Genus *Plusia*.2153. *PLUSIA AGRAMMA*.

Plusia agramma, Guén., Noct. ii, 327, 1136.*

————— Walker, Cat. Lep. Het., xii, p. 926, (1857).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

————— Lep. Ceyl. iii, p. 72, pl. 152, figs. 3, 3a, (1884).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Plusia inchoata, Walker, loc. cit., xxxiii, p. 841, (1865).

Collection Swinhoe, Bombay, Ceylon.

Also recorded from Java and Australia.

2154. *PLUSIA ARGYROSIGNA*.

Plusia argyrosigna, Moore, Descr. Ind. Lep. Atk. ii, p. 149, (1882).

Cashmir, Dalhousie.

Allied to *P. iota* and to *P. quinqueaureum* of Europe.

2155. *PLUSIA CHRYSITINA*.

Phalœna (Noctua) chrysitina, Martyn, Psyche, pl. 21, (1797).*

Noctua aurifera, Hübn., Eur. Schmott. Noct., pl. 98, fig. 463.*

————— Dup., Lep. Fr. vii, 24, pl. 134.*

Diachrysis aurifera, Hübn., Verz. Bek. Schmett, p. 252, No. 2494, (1816).

PLUSIA CHRYSITINA—continued.

Plusia aurifera, Treit., Schmett. iii, 168, 14.*

———— Meig., Syst. Esch. iii, 251, 6, pl. 121, fig. 10.*

———— Guén., Noct. ii, 335, 1153.*

———— Walker, Cat. Lep. Het. B. M., xii, p. 892, (1857).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.

Plusia chrysitina, Moore, Lep. Ceyl. iii, p. 70, pl. 152, fig. 7, (1884).

———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411, pl. 14, figs. 13, 13a.

I. M., Sikkim, Kulu (Young), Calcutta, Shillong, Sibsagar, (Peal), Ootacamund (Davison), North Khasi Hills, Darbhanga (Maries).

Collection Swinhoe, Kasauli, Sikkim, Simla, Quetta, Mhow.

Also recorded from S. Europe, Africa, Madagascar, Bourbon, Mauritius, Java, Ceylon.

2156. PLUSIA CILIARIS.

Plusia ciliaris, Walker, Cat. Lep. Het. B. M., xii, p. 928, (1857).

———— Butler, Ill. Typ. Lep. Het. vi, p. 36, pl. 110, fig. 5, (1886).

Nepal.

2157. PLUSIA CIRCUMFLEXA.

Phalena (Noctua) circumflexa, Linn., Syst. Nat., p. 844, No. 128, (1767).

Noctua circumflexa, Haw., Lep. Brit. 8.*

Noctua daubei, Frey, (nec Boisd.), Beitr. iii, pl. 256, fig. 2.*

Plusia circumflexa, Guén., Noct. iii, p. 352, 1185.*

———— Walker, Cat. Lep. Het. B. M. xii, p. 900, (1857).

———— Butler, Ann. Mag. N. H. (5), ix, p. 210, (1882).

———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 350.

———— Proc. Zool. Soc. Lond. 1886, p. 447.

Collection Swinhoe, Candahar, Mhow, Nilgiri Hills.

Also recorded from Europe.

2158. PLUSIA CONFUSA.

Plusia confusa, Moore, Descr. Ind. Lep. Atk. ii, p. 149, (1882).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Sikkim.

2159. PLUSIA DAUBEI.

Plusia daubei, Boisd., Ind. Meth., p. 159, No. 1281, (1840).

———— Dup., Suppl. iii, p. 486, pl. 42, fig. 1.*

———— Herr Schäffer, Schmett. Eur. ii, pl. 41, fig. 206.*

———— Guén., Noct. ii, 351, 1184.*

———— Walker, Cat. Lep. Het. B. M., xii, p. 900, (1857).

I. M., Kulu (Young).

Also recorded from South Europe and Senegal.

2160. PLUSIA DISPELLENS.

Plusia dispellens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 836, (1865).

———— Moore, Lep. Ceyl. iii, p. 73, (1884).

Ceylon.

2161. *PLUSIA EXTRAHENS.*

Plusia extrahens, Walker, Cat. Lep. Het. B. M., xii, p. 929, (1857).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; 1885,
 p. 458; and 1886, p. 447.
 ——— Trans. Ent. Soc. Lond. 1885, p. 351.

I. M., Karachi (Swinhoe).

Collection Swinhoe, Mhow, Bombay, Poona, Khizdar, Karachi,
 Quetta.

2162. *PLUSIA IMPULSA.*

*Plusia impuls*a, Walker, Cat. Lep. Het. B. M. xxxiii, p. 338, (1865).
 ——— Moore, Lep. Ceyl. iii, p. 74, (1884).

Ceylon.

2163. *PLUSIA INTEGR*A.

Plusia integra, Walker, Cat. Lep. Het. B. M., xii, p. 931, (1857).
 India.

2164. *PLUSIA LECTULA.*

Prodenia lectula, Walker, Cat. Lep. Het. B. M., xv, p. 1679, (1858); and
 xxxii, p. 654, (1865).

——— Moore, Proc. Zool. Soc. Lond. 1867, p. 51.

Plusia lectula, Moore, Lep. Ceyl. iii, p. 73, pl. 146, fig. 2, (1884).

Plusia kalitura, Felder & R. Reise, Novara Lep. iv, pl. 110, fig. 24,
 (1864-75).

Bengal, Canara, Ceylon.

2165. *PLUSIA LIMBIRENA.*

Plusia limbirena, Guen. Noct. ii, p. 350, No. 1179*.

——— Walker, Cat. Lep. Het. B. M. xii, p. 921, (1857).

——— Moore, Lep. Ceyl. iii, p. 72, pl. 162, fig. 5, (1884).

Ceylon, Madagascar, S. Africa, St. Helena.

2166. *PLUSIA MUTANS.*

Plusia mutans, Walker, Cat. Lep. Het. B. M. xxxiii, p. 339, (1865).

——— Moore, Lep. Ceyl. iii, p. 74, (1884).

Ceylon.

2167. *PLUSIA NIGRILUNA.*

Plusia nigriluna, Walker, Cat. Lep. Het. B. M., xii, p. 931, (1857).

——— Moore, Lep. Ceyl. iii, p. 70, pl. 152, figs. 2, 2a larva,
 (1884).

Ceylon.

2168. *PLUSIA NIGRISIGNA.*

Plusia nigrisigna, Walker, Cat. Lep. Het. B. M., xxxiii, p. 928, (1857).

——— Butler, Proc. Zool. Soc. Lond. 1883, p. 162.

——— Ill. Typ. Lep. Het. vi, p. 36, pl. 110, fig. 4, (1886).

I. M., Kulu (Young).

Collection Swinhoe, Kasauli, Sikkim.

Also recorded from Umballa, Solun.

2169. *PLUSIA OBTUSISIGNA*.

Plusia obtusisigna, Walker, Cat. Lep. Het. B. M., xii, p. 930, (1857).
 ——— Moore, Lep. Ceyl. 3, p. 71, pl. 152, figs. 1, 1a larva,
 (1884).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Collection Swinhoe, Poona.

Also recorded from Ceylon.

2170. *PLUSIA OCHREATA*.

Plusia ochreata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 839, (1865).

————— Moore, Lep. Ceyl. iii, p. 72, pl. 151, fig. 4, (1884).

Collection Swinhoe, Solun.

Also recorded from Ceylon.

2171. *PLUSIA ORNATISSIMA*.

Plusia ornatissima, Walker, Cat. Lep. Het. B. M., xv, p. 1786, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Collection Swinhoe, Tokei.

Also recorded from India and China.

2172. *PLUSIA PANNOSA*.

Plusia pannosa, Moore, Descr. Lep. Atk. ii, p. 149, (1882).

Sikkim, Khasi Hills.

2173. *PLUSIA PERMISSA*.

Plusia permissa, Walker, Cat. Lep. Het. B. M., xv, p. 1786, (1858).

Canara.

2174. *PLUSIA PLACIDA*.

Plusia placida, Moore, Lep. Ceyl. iii, p. 73, pl. 151, fig. 10, (1884).

Ceylon.

2175. *PLUSIA RETICULATA*.

Plusia reticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 148, (1882).

Sikkim.

2176. *PLUSIA SEMIVITTA*.

Plusia semivitta, Moore, Proc. Zool. Soc. Lond. 1867, p. 63, pl. 6, fig. 13.

Collection Swinhoe, Sikkim.

2177. *PLUSIA SIGNATA*.

Noctua signata, Fabr., Ent. Syst. iii, 2, p. 81, (1794).

Plusia signata, Guén., Noct. ii, p. 345, (1852)*.

————— Walker, Cat. Lep. Het. B. M. xii, p. 926, (1857).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

————— Lep. Ceyl. iii, p. 71, pl. 152, fig. 4, (1884).

PLUSIA SIGNATA—*continued*.

Plusia signata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Plusia furcifera, Walker, Cat. Lep. Het. B. M. xii, p. 927, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Collection Swinhoe, Solun, Sikkim, Poona.

Also recorded from Ceylon, Java.

2178. PLUSIA SIGNIFICANS.

Plusia significans, Walker, Cat. Lep. Het., B. M., xii, p. 930, (1857).

Punjab.

2179. PLUSIA TETRAGONA.

Plusia tetragona, Walker, Cat. Lep. Het. B. M., xii, p. 932, (1857).

India.

2180. PLUSIA VERTICILLATA.

Plusia verticillata, Guén., Noct. ii, p. 344, (1852).*

Walker, Cat. Lep. Het. B. M. xii, p. 923, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Butler, Proc. Zool. Soc. Lond. 1881, p. 618.

Moore Lep. Ceyl. iii, p. 70, pl. 152, fig. 6, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; 1885, p. 457; and 1886, p. 417.

I. M., Sikkim (Barnes), Calcutta, Kulu (Young), Ceylon (Colombo Museum), Nilgiri Hills (Swinhoe); Buxa (Moti Ram).

Collection Swinhoe, Kasauli, Karachi, Mhow, Ahmednagar, Poona, Bombay, Campbellpore.

Also recorded from Java, China, Australia, S. Africa.

Genus Plusiodonta.**2181. PLUSIODONTA AURIPICTA.**

Plusiodonta auripicta, Moore, Descr. Ind. Lep. Atk. ii, p. 150, (1882).

Sikkim, Cherrapunji.

2182. PLUSIODONTA CHALSYTOIDES.

Plusiodonta chalsytoides, Guén., Noct. ii, p. 360, 1201.*

Walker, Cat. Lep. Het., xii, p. 937, (1857); and xxxiii, p. 841, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

Lep. Ceyl. iii, p. 75, pl. 153, figs. 1, 1a, (1884).

Deva conducens, Walker, Cat. Lep. Het. B. M., xii, p. 963, (1857).

Plusiodonta conducens, Moore, Proc. Zool. Soc. Lond. 1877, p. 605.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Plusia agens, Felder & R. Reise, Novara Lep. iv, pl. 110, fig. 32, (1864-75).

Collection Swinhoe, Bombay.

Also recorded from Calcutta, Andaman Islands, Java, Ceylon.

2183. *PLUSIODONTA COMPRESSIPALPIS.**Plusiodonta compressipalpis*, Guén., Noct. ii, 359, 1200.*

Walker, Cat. Lep. Het. B. M. xii, p. 938, (1857).

India.

Genus *Abrostola*.2184. *ABROSTOLA ANOPHIOIDES.**Abrostola anophioides*, Moore, Descr. Ind. Lep. Atk. ii, p. 148, (1882).

Sikkim.

Allied to *A. asclepiadis* of Europe.2185. *ABROSTOLA TRANSFIXA.**Abrostola transfixa*, Walker, Cat. Lep. Het. B. M. xii, p. 884, (1857); and
xv, p. 1783, (1858).

Moore, Lep. Ceyl. iii, p. 69, (1884).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon and Australia.

Genus *Euchalcia*.2186. *EUCHALCIA CASHMIRENSIS.**Euchalcia cashmirensis*, Moore, Proc. Zool. Soc. Lond. 1881, p. 376.

Descr. Ind. Lep. Atk. ii, p. 150, (1882).

Sind, Cashmir.

Allied to *E. uralensis* and *E. modesta*.Genus *Birtha*.2187. *BIRTHA INSULATA.**Birtha insulata*, Walker, Cat. Lep. Het. xxxiii, p. 976, (1865).

Moore, Lep. Ceyl. iii, p. 75, (1884).

Ceylon.

Genus *Phanaca*.2188. *PHANACA DAMNIPENNIS.**Phanaca damnipennis*, Walker, Cat. Lep. Het. xxxiii, p. 857, (1865).

Ceylon.

FAMILY PALINDIDÆ.

Genus *Homodes*.2189. *HOMODES CROCEA.**Homodes crocea*, Guén., Noct. ii, p. 280, pl. 11, fig. 2, (1852).*

Walker, Cat. Lep. Het. B. M. xii, p. 852, (1857).

Moore, Proc. Zool. Soc. Lond. 1877, p. 605, pl. 60, fig. 3.

Lep. Ceyl. iii, p. 69, pl. 161, fig. 11, (1884).*Homodes vivida*, Guén., Noct. ii, p. 280, 1084.*

Walker, Cat. Lep. Het. B. M., xii, p. 852, (1857).

Java, Andaman Islands, Ceylon, Bombay.

FAMILY DIOPSIDÆ.

Genus *Anumeta*.

2190. *ANUMETA ATROSIGNATA*.

Anumeta atrosignata, Walker, Cat. Lep. Het. B. M., xv, p. 1770, (1858).
North India.

FAMILY EURHIPIDÆ.

Genus *Rhesala*.

2191. *RHESALA IMPARATA*.

Rhesala imparata, Walker, Cat. Lep. Het. B. M., xv, p. 1777, (1858).
Ceylon.

2192. *TARGALLA BIFACIES*.

Cryassa bifacies, Walker, Cat. Lep. Het. B. M., xv, p. 1745, (1858).
Targalla bifacies, Moore, Lep. Ceyl. iii, p. 64, pl. 151, figs. 5, 5a, (1884).
Collection Swinhoe, Ceylon.

2193. *TARGALLA DELATRIX*.

Penicillaria delatrix, Guén., Noct. ii, p. 304, No. 1112, (1852).
Walker, Cat. Lep. Het. B. M. xii, p. 871, (1857).
Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
Targalla delatrix, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.
Collection Swinhoe, Solun, Poona, Alibagh.
Also recorded from Java.

2194. *TARGALLA INFIDA*.

Targalla infida, Walker, Cat. Lep. Het. B. M. xiii, p. 1008, (1857).
Moore, Lep. Ceyl. iii, p. 63, pl. 151, figs. 6, 6a, (1884).
Penicillaria ludatrix, Walker, loc. cit. xv, p. 1773, (1858).
Ceylon, India.

2195. *TARGALLA REPLETA*.

Eutelia repleta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 821, (1865).
Targalla repleta, Moore, Lep. Ceyl. iii, p. 64, (1884).
Eutelia impleta, Walker, loc. cit., p. 822, (1865).
Eutelia plusioides, Walker, loc. cit., p. 822, (1865).
Eurkipia praterata, Felder & R. Reise, de Novara, Lep. iv, pl. 111,
fig. 24, (1864-75).
S. India, Ceylon.
"Probably only a varietal form of *T. bifacies*," (Moore).

2196. *TARGALLA RESOLUTA*.

Penicillaria resoluta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 815, (1865).
Targalla resoluta, Moore, Lep. Ceyl. iii, p. 65, (1884).
Ceylon.

2197. *TARGALLA SOLIDA.*

Penicillaria solida, Walker, Cat. Lep. Het. B. M. xxxiii, p. 814, (1865).

Targalla solida, Moore, Lep. Ceyl. iii, p. 63, (1884).

Ceylon.

Genus *Penicillaria*.

2198. *PENICILLARIA EXCITANS.*

Penicillaria excitans, Butler, Proc. Zool. Soc. Lond. 1886, p. 381.

Western India.

2199. *PENICILLARIA JOCOSATRIX.*

Penicillaria jocosatrix, Guén., Noct. ii, p. 304, (1852).*

Walker, Cat. Lep. Het. B. M. xii, p. 871, (1857).

Moore, Lep. Ceyl. iii, p. 62, pl. 151, figs. 8, 8a, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

I. M., Ranchi (Irvine).

Collection Swinhoe, Bombay, Poona.

Also recorded from Ceylon and Java.

2200. *PENICILLARIA LINEATRIX.*

Penicillaria lineatrix, Walker, Cat. Lep. Het. B. M., xv, p. 1776, (1858);
and xxxiii, p. 814, (1865).

Canara.

2201. *PENICILLARIA NUGATRIX.*

Penicillaria nugatrix, Guén., Noct. ii, 303, 1110, pl. 14, fig. 7, (1852).*

Walker, Cat. Lep. Het. B. M., xii, p. 871, (1857).

Moore, Lep. Ceyl. iii, p. 62, (1884).

Collection Swinhoe, South India.

I. M., Ceylon, North India.

Genus *Eutelia*.

2202. *EUTELIA CINCTIPALPIS.*

Eutelia cinctipalpis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 820, (1865).

Moore, Lep. Ceyl. iii, p. 66, (1884).

Ceylon.

2203. *EUTELIA DISCISTRIGA.*

Eutelia discistriga, Walker, Cat. Lep. Het. B. M. xxxiii, p. 823, (1865).

Collection Swinhoe, Sholapore, Karachi.

Also recorded from South India.

2204. *EUTELIA FAVILLATRIX.*

Eutelia favillatrix, Walker, Cat. Lep. Het. B. M., xv, p. 1778, (1858).

Moore, Lep. Ceyl. iii, p. 66, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.

I. M., Sibsaagar (Peal), Andaman Islands (purchased).

Collection Swinhoe, Bombay, Khandulla.

Also recorded from Ceylon.

2205. *EUTELIA INEXTRICATA*.*Eutelia inextricata*, Moore, Descr. Ind. Lep. Atk. ii, p. 147, (1882).

Collection Swinhoe, Sikkim, Kulu.

Also recorded from Cherrapunji.

2206. *EUTELIA SICCIFOLIA*.*Eutelia siccifolia*, Moore, Proc. Zool. Soc. Lond. 1881, p. 375.

Descr. Ind. Lep. Atk. ii, p. 147, (1882).

Sikkim.

Allied to *E. viridatrix*.2207. *EUTELIA VIRIDATRIX*.*Eutelia viridatrix*, Walker, Cat. Lep. Het. B. M., xv, p. 1777, (1858).

N. India.

Genus *Anuga*.2208. *ANUGA CONSTRICTA*.*Anuga constricta*, Guén., Noct. ii, p. 308, 1116.*

Walker, Cat. Lep. Het. B. M., xii, p. 874, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

India.

2209. *ANUGA LUNULATA*.*Anuga lunulata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Bengal.

Genus *Varnia*.2210. *VARNIA FENESTRATA*.*Varnia fenestrata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 376.

Descr. Ind. Lep. Atk. ii, p. 148, (1882).

Sikkim.

2211. *VARNIA IGNITA*.*Varnia ignita*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 825, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Journ. As. Soc. Beng. liii, pt. 2, p. 236, (1884).*Pachythyris ignita*, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 280, (1877).I. M., Sikkim (purchased; also Barnes), Cachar (Wood-Mason),
Ceylon (Mackwood).

Collection Swinhoe, Sylhet.

2212. *VARNIA INÆQUALIS*.*Varnia inæqualis*, Walker, Cat. Lep. Het. B. M. xxviii, p. 828, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 62.

Sylhet.

2213. *VARNIA* (?) *INCERTA*.

Varnia incerta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 829, (1865).
N. India.

2214. *VARNIA* *TAPROBANA*.

Varnia taprobana, Moore, Lep. Ceyl. iii, p. 67, pl. 151, fig. 7, (1884).
Ceylon.

Genus *Chlumetia*.2215. *CHLUMETIA* *ALTERNANS*.

Chlumetia alternans, Moore, Descr. Ind. Lep. Atk. ii, p. 147, (1882).
Sikkim.

2216. *CHLUMETIA* *EGENS*.

Chlumetia egens, Moore, Lep. Ceyl. iii, p. 68, pl. 151, fig. 9, (1884).
Ceylon.

2217. *CHLUMETIA* *TRANSVERSA*.

Nochaba transversa, Walker, Cat. Lep. Het. B. M. xxvii, p. 114, (1863).
Chlumetia guttiventris, Walker, loc. cit., xxxiv, p. 1271 (1865).
Chlumetia transversa, Moore, Lep. Ceyl. iii, p. 67, pl. 151, fig. 3, (1884).
Ceylon.

FAMILY *ERIOPIDÆ*.Genus *Callopietria*.2218. *CALLOPIETRIA* *DUPLICANS*.

Callopietria duplicans, Walker, Cat. Lep. Het. B. M., xii, p. 866,
(1857).
India.

2219. *CALLOPIETRIA* *EXOTICA*.

Eriopus exotica, Guén., Noct. ii, p. 294, 1097, (1852).
Callopietria exotica, Walker, Cat. Lep. Het. B. M., xii, p. 865, (1857); and
xxxiii, p. 811, (1865).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 61; and 1877,
p. 605.
——— Lep. Ceyl. iii, p. 60, (1884).
Sikkim, Canara, Andaman Islands, Java.

2220. *CALLOPIETRIA* *RECURVATA*.

Callopietria recurvata, Moore, Descr. Ind. Lep. Atk. ii, p. 144, (1882).
——— Lep. Ceyl. iii, p. 60, pl. 151, fig. 1,
(1884).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 457.
Collection Swinhoe, Solun, Bombay.
Also recorded from Sikkim, Calcutta, Ceylon.

2221. CALLOPISTRIA REPLETA.

Callopiustria repleta, Walker, Cat. Lep. Het. B. M., xii, p. 865, (1857).
North India

2222. CALLOPISTRIA RIVULARIS.

Callopiustria rivularis, Walker, Cat. Lep. Het. B. M., xii, p. 867, (1857).
Collection Swinhoe, Solun, Ceylon.

Genus **Perciana**.

2223. PERCIANA MARMOREA.

Perciana marmorea, Walker, Cat. Lep. Het. B. M., xxxiii, p. 813, (1865).
India.

Genus **Phalga**.

2224. PHALGA SINUOSA.

Phalga sinuosa, Moore, Proc. Zool. Soc. Lond. 1881, p. 375, pl. 37, fig. 7.
Descr. Ind. Lep. Atk. ii, p. 145, (1882).
Sikkim.

Genus **Cotanda**.

2225. COTANDA PLACODOIDES.

Eriopus placodoides, Guén., Noct. ii, p. 296.*
Cotanda placodoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 374.
India, Java.

Genus **Methorasa**.

2226. METHORASA LATREILLEI.

Eriopus latreillei, Dup., Lep. France, Suppl. iv, p. 327, pl. 123, fig. 2.*
Guén., Noct. ii, p. 296.*
Butler, Proc. Zool. Soc. Lond. 1883, p. 162.
Callopiustria latreillei, Walker, Cat. Lep. Het. B. M. xii, p. 862, (1857).
Eriopus quieti, Treit., Schmiett iii, p. 259, Suppl., p. 49.*
Methorasa latreillei, Moore, Proc. Zool. Soc. Lond. 1881, p. 374.
Collection Swinhoe, Simla.
Also recorded from Europe, Dharmasala.

2227. METHORASA THWAITESII.

Methorasa thwaitesii, Moore, Lep. Ceyl. iii, p. 61, pl. 151, fig. 2, (1884).
Ceylon.

Genus **Lugana**.

2228. LUGANA ANTENNATA.

Lugana antennata, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).
Sikkim.

2229. LUGANA RENALIS.

Lugana renalis, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).
Collection Swinhoe, Andaman Islands.
Allied to *L. antennata*.

FAMILY HYBLÆIDÆ.

Genus *Hyblæa*.2230. *HYBLÆA CONSTELLATA*.

- Hyblæa constellata*, Guén., Noct. ii, p. 391, 1251, (1852).*
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- Walker, Cat. Lep. Het. B. M., xii, p. 980, (1857).
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- Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
-
- Lep. Ceyl. iii, p. 81, pl. 154, figs. 3, 3a, (1888).
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- Journ. As. Soc. Beng., vol. lv, pt. 2, p. 100, (1886).

I. M., Ceylon (Colombo Museum), Dunsiri, Sikkim (purchased ; also Barnes), Sylhet, Naga Hills, Tavoy (Moti Ram), Sib-sagar (Peal).

Collection Swinhoe, Sylhet, Ceylon.

2231. *HYBLÆA FIRMAMENTUM*.

- Hyblæa firmamentum*, Guén., Noct. ii, 392, 1253.*
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- Walker, Cat. Lep. Het. B. M., xii, p. 981, (1857).
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- Moore, Proc. Zool. Soc. Lond. 1867, p. 63.

I. M., Buxa (Moti Ram), Sikkim (Barnes ; also purchased), Sib-sagar (Peal).

Collection Swinhoe, Sylhet.

Also recorded from China.

2232. *HYBLÆA PUERA*.

- Phalæna puera*, Cram., Pap. Exot., pl. 103, figs. D and E, (1777).
- Noctua saga*, Fabr., Mant. Ins. ii, p. 137, No. 29, (1787).
- Hyblæa saga*, Fabr., Ent. Syst. iii, 2, p. 128, No. 4, (1794).
- Noctua unxia*, Hübn., Eur. Schmett. Noct., fig. 513, (1810).*
- Euchesia unxia*, Hübn., Verz. Bek. Schmett. p. 221, No. 2217, (1816).
- Heliothis apricans*, Boisd., Faun. Ent. Madag., p. 98, 2, pl. 15, fig. 7, (1834).*
- Hyblæa puera*, Guén., Noct. ii, p. 390, 1250.*
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- Walker, Cat. Lep. Het. B. M., xii, p. 979, (1857).
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- Moore, Proc. Zool. Soc. Lond. 1867, p. 63.
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- Lep. Ceyl. iii, p. 81, pl. 154, figs. 2, 2a, (1884).
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- Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Goalundo (Mein), Kulu (Young), Sylhet, Ceylon (Colombo Museum), Poona (Swinhoe).

Collection Swinhoe, Solun, Poona, Bombay, Mhow, Nilgiri Hills, Ceylon.

Also recorded from Jamaica, South America, South Africa, and China.

Genus *Maceda*.2233. *MACEDA MANSUETA*.

- Maceda mansueta*, Walker, Cat. Lep. Het. B. M., xiii, p. 1141, (1857) ; and xxxiii, p. 924, (1865).
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- Moore, Lep. Ceyl. iii, p. 82, pl. 154, figs. 4 and 5, (1884).

Calduba obtenta, Walker, loc. cit. xv, p. 1816, (1858).

Collection Swinhoe, Andaman Islands.

Also recorded from Sarawak, Borneo, Ceylon.

FAMILY GONOPTERIDÆ.

Genus *Cosmophila*.2234. *COSMOPHILA XANTHINDYMA*.

Cosmophila xanthindyma, Boisd, Faune Ent. Madag Lep. 94, pl. 13, fig. 7, (1834). * ♂

———— Guén., Noct. ii, p. 396.*

———— Walker, Cat. Lep. Het. B. M., xiii, p. 987, (1857).

———— Moore, Proc. Zool. Soc. Lond. 1883, p. 163.

———— Lep. Ceyl. iii, p. 84, pl. 155, figs. 1, 1a, 1b, (1884).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.

Cirroedia variolosa, Walker, loc. cit., xi, p. 750, (1857).

Cosmophila indica, Guén., Noct. ii, p. 396, (1852). * ♀

———— Walker, loc. cit. xiii, p. 986, (1857).

———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411.

Cirroedia edentata, Walker, loc. cit. xi, p. 750, (1857).

I. M., Sikkim, Bombay (Swinhoe), Ceylon (Colombo Museum), Calcutta, Kulu (Young).

Collection Swinhoe, Solun, Mhow, Poona, Bombay, Karachi, Ceylon.

Also recorded from Madagascar, Mauritius, Malabar, Java, Australia.

Genus *Arthisma*.2235. *ARTHISMA SCISSURALIS*.

Arthisma scissuralis, Moore, Proc. Zool. Soc. Lond. 1883, p. 20.

———— Waterhouse, Aid. iii, pl. 160, fig. 3, (1884).*

Singapore.

Genus *Rusicada*.2236. *RUSICADA ALBITIBIA*.

Gonitis albitibia, Walker, Cat. Lep. Het. B. M., xiii, p. 1001, (1857).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

Rusicada albitibia, Moore, Proc. Zool. Soc. Lond. 1883, p. 20.

Rusicada nigratarsis, Moore, Lep. Ceyl. iii, p. 86, pl. 155, figs. 2, 2a, b, c, d, ♂, ♀, and larva, (1884).

Rusicada nigratarsis, Walker, loc. cit. xiii, p. 1006, (1857).

Collection Swinhoe, Bombay, Poona, Khandalla, Nilgiri Hills.

Also recorded from Ceylon, Calcutta, Sikkim.

2237. *RUSICADA BRUNNEA*.

Gonitis brunnea, Moore, Descr. Ind. Lep. Atk. ii, p. 153, (1882).

Calcutta.

2238. *RUSICADA DIVERSALIS*.

Rusicada diversalis, Moore, Proc. Zool. Soc. Lond. 1883, p. 21.

———— Waterhouse, Aid. ii, pl. 160, fig. 2, (1884)*.

Singapore.

Allied to *R. brunnea*.

2239. *RUSICADA ICONICA*.

Anomis iconica Walker, Cat. Lep. Het. B. M. xiii, p. 992, (1857).
Rusicada iconica, Moore, Lep. Ceyl. iii, p. 87, (1884).
 Ceylon.

Genus *Gonitis*.2240. *GONITIS FULVIDA*.

Anomis fulvida, Guén., Noct. ii, p. 397, 1259, (1852).
 ——— Walker, Cat. Lep. Het. B. M., xiii, p. 988, (1857).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 64; and 1877, p. 606.
Gonitis guttanivis, Walker loc. cit. xiii, p. 1003, (1857).
Anomis guttanivis, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.
Gonitis fulvida, Moore, loc. cit. 1883, p. 19.
 ——— Lep. Ceyl. iii, p. 85, pl. 155, figs. 3, 3a, (1884).
Gonitis combinans, Walker, loc. cit. xiii p. 1001, (1857).
 I. M., Sikkim, Sibsagar (Peal).
 Collection Swinhoe, Sikkim, Khandalla.
 Also recorded from Khasi Hills, Ceylon, Andaman Islands, Java,
 North America.

2241. *GONITIS INVOLUTA*.

Gonitis involuta, Walker, Cat. Lep. Het. B. M., xiii, p. 1003, (1857).
 ——— Butler, Proc. Zool. Soc. Lond. 1883, p. 163.
 ——— Moore, Lep. Ceyl. iii, p. 85, pl. 153, fig. 7, (1884).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519; and 1885, p. 458.
Gonitis basalis, Walker, loc. cit. xiii, p. 1004, (1857).
Tiridata colligata, Walker, loc. cit. xxxiii, p. 870, (1865).
 I. M., Kulu (Young), Solun (Swinhoe).
 Collection Swinhoe, Solun, Karachi, Nilgiri Hills, Bombay.
 Also recorded from Ceylon.

2242. *GONITIS LATIMARGO*.

Gonitis latimargo, Walker, Cat. Lep. Het. B. M., xiii, p. 1002, (1857).
 India.

2243. *GONITIS LINEOSA*.

Gonitis lineosa, Walker, Cat. Lep. Hep. Het. B. M. xxxiii, p. 862, (1865).
 India.

2244. *GONITIS MESOGONA*.

Gonitis mesogona, Walker, Cat. Lep. Het. B. M., xiii, p. 1002, (1857).
 ——— Butler, Proc. Zool. Soc. Lond. 1883, p. 163.
 ——— Moore, Lep. Ceyl. iii, p. 86, pl. 153, fig. 8, (1884).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.
 I. M., Kulu (Young), Bombay (Swinhoe), Sikkim.
 Collection Swinhoe, Kulu, Solun, Bombay.
 Also recorded from Ceylon.

2245. GONITIS METAXANTHA.

Gonitis metaxantha, Walker, Cat. Lep. Het. B. M. xiii, p. 1005, (1857).

Moore, Proc. Zool. Soc. Lond. 1883, p. 21.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 458.

I. M., Sikkim (Barnes), Poona (Swinhoe), Andaman Islands (De Roepstorff), Cherrapunji.

Collection Swinhoe, Sikkim, Solun, Poona, Bombay, Nilgiri Hills.

2246. GONITIS TRILINEATA.

Gonitis trilineata, Moore, Proc. Zool. Soc. Lond. 1883, p. 21, pl. 6, fig. 1.
Bombay.

Genus *Coarica*.

2247. COARICA FASCIATA.

Coarica fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 153, pl. 5, fig. 1.
Sikkim.

Genus *Falana*.

2248. FALANA SORDIDA.

Falana sordida, Moore, Descr. Ind. Lep. Atk. ii, p. 154, (1882).
Lep. Ceyl. iii, p. 88, pl. 155, fig. 4, (1884).

Cherrapunji, Ceylon.

Genus *Thalatta*.

2249. THALATTA ALBIORBIS.

Thalatta albiorbis, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.
Lep. Ceyl. iii, p. 87, pl. 153, fig. 6, (1884).

Ceylon.

Allied to *T. precedens*.

2250. THALATTA FASCIOSA.

Thalatta fasciosa, Moore, Descr. Ind. Lep. Atk. ii, p. 154, pl. 5, fig. 2,
(1882).

Cherrapunji.

2251. THALATTA MODESTA.

Thalatta modesta, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.
Lep. Ceyl. iii, p. 87, pl. 153, fig. 5, (1884).

Ceylon.

2252. THALATTA PRECEDENS.

Thalatta precedens, Walker, Cat. Lep. Het. B. M., xiii, p. 996, (1857).
India.

Genus *Ossonoba*.2253. *OSSONOMA TORPIDA*.*Ossonoba torpida*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1966, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 22, pl. 106, fig. 8, (1886).

Collection Swinhoe, Sikkim.

FAMILY AMPHIPYRIDÆ.

Genus *Amphipyra*.2254. *AMPHIPYRA CHALCOPTERA*.*Amphipyra chalcoptera*, Felder & R. Reise, Novara Lep., pl. 112, fig. 18, (1864-75).

Rampur, Himalayas.

2255. *AMPHIPYRA CORVUS*.*Amphipyra corvus*, Motsch.

Moore, Descr. Ind. Lep. Atk. ii, p. 154, (1882).

Khasi Hills, China, Japan.

Allied to the European *A. livida*.2256. *AMPHIPYRA CUPREIPENNIS*.*Amphipyra cupreipennis*, Moore, Descr. Ind. Lep. Atk. ii, p. 155, (1882).

Sikkim.

2257. *AMPHIPYRA MAGNA*.*Amphipyra magna*, Walker, Cat. Lep. Het. B. M., p. 868, (1865).

Collection Swinhoe, Solun, Thundiani (Punjab).

2258. *AMPHIPYRA MONOLITHA*.*Amphipyra monolitha*, Guén., Noct. ii, 414, 1279.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1018, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Collection Swinhoe, Sikkim.

Also recorded from Sylhet and North China.

Genus *Tambana*.2259. *TAMBANA CATOCALINA*.*Tambana catocalina*, Moore, Descr. Ind. Lep. Atk. ii, p. 156, pl. 5, fig. 3, (1882).

Sikkim.

2260. **TAMBANA VARIEGATA.**

Tambana variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 155, (1882).
Sikkim.

Genus **Perinænia**.2261. **PERINÆNIA ACCIPITER.**

Spintherops accipiter, Felder & R. Reise, Novara. Lep. iv, pl. 111 fig.,
(1864-75).
Perinænia accipiter, Moore, Descr. Ind. Lep. Atk. ii, p. 156, (1882).
Sikkim, Pangl.
Allied to *P. lignosa* of Japan.

Genus **Mithila**.2262. **MITHILA LICHENOSA.**

Mithila lichenosa, Moore, Descr. Ind. Lep. Atk. ii, p. 157, (1882).
Sikkim.

Genus **Blenina**.2263. **BLENINA ACCIPIENS.**

Blenina accipiens, Walker, Cat. Lep. Het. xiii, p. 1215, (1857).
Moore, Lep. Ceyl. iii, p. 129, pl. 160, fig. 3, (1885).
Collection Swinhoe, (?) India.
Also recorded from Ceylon and Australia.

2264. **BLENINA DONANS.**

Blenina donans, Walker, Cat. Lep. Het. B. M. xiii, p. 1215, (1857).
Moore, Lep. Ceyl. iii, p. 129, pl. 160, fig. 2, (1885).
I. M., ? Andaman Islands.
Collection Swinhoe, Ceylon.

2265. **BLENINA GRISEA.**

Blenina grisea, Moore, Proc. Zool. Soc. Lond. 1877, p. 607, pl. 60, fig. 1.
Andaman Islands.

2266. **BLENINA LICHENOSA.**

Blenina lichenosa, Moore, Proc. Zool. Soc. Lond. 1877, p. 607, pl. 60, fig. 2,
Andaman Islands.

2267. **BLENINA PANNOSA.**

Blenina pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 157, pl. 5, fig. 4,
(1882).
Calcutta.
Allied to *B. donans*.

2268. *BLENINA QUINARIA*.

Blenina quinaria, Moore, Descr. Ind. Lep. Atk. ii, p. 158, pl. 5, fig. 5,
(1882).

Sikkim.

Allied to *B. (Dandaca) senex* of Japan.

2269. *BLENINA VARIEGATA*.

Blenina variegata, Moore, Descr. Ind. Lep. Atk. ii, p. 157, (1882).

Sikkim.

Genus *Amrella*.

2270. *AMRELLA ANGULIPENNIS*.

Amrella angulipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 158, pl. 5, fig. 6,
(1882).

Sikkim.

Genus *Nænia*.

2271. *NÆNIA CHALYBEATA*.

Nænia chalybeata, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Bengal.

2272. *NÆNIA CUPREA*.

Nænia cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 64.

Bengal.

Genus *Axiopœna*.

2273. *AXIOPÆNA FLUVIATILIS*.

Axiopœna fluvialis, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351, pl. 9,
fig. 7.

Collection Swinhoe, Quetta.

Allied to *A. Maura* and *A. Karelini* of Europe.

FAMILY CATOCALIDÆ.

Genus *Catocala*.

2274. *CATOCALA AFGHANA*.

Catocala afghana, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352, pl. 9,
fig. 8.

Collection Swinhoe, Quetta, and Garhwal (Biluchistan).

2275. *CATOCALA ALBIFASCIA*.

Catocala albifascia, Walker, Cat. Lep. Hel. B. M., xxxiii, p. 933, (1865).

Collection Swinhoe, North Canara.

2276. CATOCALA CONCUBIA.

Catocala concubia, Walker, Cat. Lep. Het. B. M., xiii, p. 1210, (1857).
 Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 110, fig. 10,
 (1886).

I. M., Kulu (Young).

Collection Swinhoe (Solun).

2277. CATOCALA DOTATA.

Catocala dotata, Walker, Cat. Lep. Het. B. M., xiii, p. 1212, (1857).

Heri Schaffer, Schmett, figs 585, 588.*

Walker, *l. c. cit.*, xxxiii, p. 930, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Kulu (Young), Chitral (Giles).

Collection Swinhoe, Solun.

2278. CATOCALA NEPCHA.

Catocala nepcha, Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Sikkim.

2279. CATOCALA PATALA.

Catocala patala, Felder & R. Reise, Novara, Lep., pl. 112, fig. 23, (1861-75).

India.

2280. CATOCALA PROLIFICA.

Catocala prolifica, Walker, Cat. Lep. Het. B. M., xiii, p. 1211, (1857).

Catocala prolifera (sic), Butler, Ill. Typ. Lep. Het. vi, p. 38, pl. 110, fig. 9,
 (1886).

I. M., Kulu (Young).

Collection Swinhoe, Kulu.

2281. CATOCALA PUDICA.

Catocala pudica, Moore, 2nd Yarkand Mission Lep., p. 12, (1879).

Ladak.

2282. CATOCALA RAMA.

Catocala rama, Moore, Lep. Ceyl. iii, p. 128, pl. 160, fig. 6, (1885).

Ceylon.

2283. CATOCALA SPONSALIS.

Catocala sponsalis, Walker, Cat. Lep. Het. B. M., xiii, p. 1213, (1857).

Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 111, fig. 1,
 (1886).

Nepal.

2284. CATOCALA TAPESTRINA.

Catocala tapestrina, Moore, Descr. Ind. Lep. Atk. ii, p. 166, pl. v, fig. 13,
 (1882).

Sikkim.

2285. CATOCALA UNICUBA.

Catocala unicuba, Walker, Cat. Lep. Het. B. M., xiii, p. 1210, (1857).Butler, Ill. Typ. Lep. Het. vi, p. 39, pl. 110, fig. 11,
(1886).

Collection Swinhoe, Abbotabad (Punjab).

FAMILY HYPOCALIDÆ.

Genus *Hypocala*.

2286. HYPOCALA ANGULIPALPUS.

Hypocala angulipalpus, Guén., Noct. iii, p. 77, 1424, (1852).*Walker, Cat. Lep. Het. B. M., xiii, p. 1176,
(1857).*Hypocala angulipalpis*, Moore, Lep. Ceyl. iii, p. 127, pl. 160, fig. 4,
(1885).

India.

2287. HYPOCALA ASPERSA.

Hypocala aspersa, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.

I. M., Sikkim, Kulu (Young).

Collection Swinhoe, Solun, Sikkim.

2288. HYPOCALA DEFLORATA.

Noctua deflorata, Fabr., Naturf. 190, 2, figs. 6 & 7.**Hypocala deflorata*, Guén., Noct. iii, 76, 1422, No. 2.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Collection Swinhoe, Solun, Sikkim, Bombay.

2289. HYPOCALA EFFLORESCENS.

Hypocala efflorescens, Guén., Noct. iii, p. 77, 1423, (1852).*

Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Lep. Ceyl. iii, p. 126, pl. 160, figs. 5, 5a,
(1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

Collection Swinhoe, Bombay, Ceylon.

2290. HYPOCALA LATIVITTA.

Hypocala lativitta, Moore, Proc. Zool. Soc. Lond. 1877, p. 606, pl. 60,
fig. 4.

Andaman Islands.

2291. HYPOCALA ROSTRATA.

Noctua rostrata, Fabr., Naturf. 197, pl. 4, fig. 4.**Hypocala rostrata*, Guén., Noct. iii, 74, 1418.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Collection Swinhoe, Solun, Dharmasala, Sikkim.

2292. HYPOCALA SUBSATURA.

Hypocala subsatura, Guén., Noct. iii, 76, 1419.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1175, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Sylhet.

FAMILY TOXOCAMPIDÆ.

Genus *Toxocampa*.

2293. TOXOCAMPA COSTIMACULA.

Toxocampa costimacula, Guén., Noct. ii, 429, 1302.*

Walker, Cat. Lep. Het. B. M., xiii, p. 1031, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Remigia triangulata, Walker, loc. cit., xxxiii, p. 1017, (1865).

Sylhet.

2294. TOXOCAMPA CUCULLATA.

Toxocampa cucullata, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).

Waterhouse, Aid. iii, pl. 160, fig. 1, (1885).*

Naini Tal.

Allied to the European *T. lusoria*.

2295. TOXOCAMPA DORSIGERA.

Toxocampa dorsigera, Walker, Cat. Lep. Het. B. M. xxxiii, p. 873, (1865).*Ophiusa dorsigera*, Moore, Lep. Ceyl. iii, p. 90, (1884).

Collection Swinhoe, Solun, Nilgiri Hills.

Also recorded from Ceylon.

2296. TOXOCAMPA METASPILA.

Toxocampa metaspila, Walker, Cat. Lep. Het. B. M., xiii, p. 1032, (1857).*Ophiusa pallidilinea*, Walker, loc. cit., xv, p. 1832, (1858).*Ophiusa metaspila*, Moore, Lep. Ceyl. iii, p. 89, pl. 154, fig. 6, (1884).

Ceylon.

2297. TOXOCAMPA MOOLLA.

Toxocampa moolla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459, pl. 27, fig. 10.

Collection Swinhoe, Poona.

2298. TOXOCAMPA ORIENTALIS.

Toxocampa orientalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 381.

Murree.

Allied to *T. lilacina* of Japan.

2300. TOXOCAMPA QUINQUELINEA.

Toxocampa quinquelinea, Walker, Cat. Lep. Het. B. M., xxxiii, p. 872, (1865).

Ophiusa quinquelinea, Moore, Lep. Ceyl. iii, p. 89, (1884).
Ceylon.

2301. TOXOCAMPA SEXLINEA.

Toxocampa sexlinea, Walker, Cat. Lep. Het. xxxiii, p. 872, (1865).

Ophiusa sexlinea, Moore, Lep. Ceyl. iii, p. 90, (1884).
Ceylon.

2302. TOXOCAMPA TETRASPILA.

Remigia tetraspila, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1018, (1865).

Toxocampa tetraspila, Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
Sikkim.

Genus *Apopestes*.

2303. APOPESTES INDICA.

Apopestes indica, Moore, Proc. Zool. Soc. Lond. 1883, p. 22.

Manpuri.

Allied to *A. phantasma*.

2304. APOPESTES PHANTASMA.

Amphipyra phantasma, Eversm., Bull. Mosc. 1843, p. 516.

Spintherops phantasma, Guén., Noct. ii, p. 422, 1290.*

Apopestes phantasma, Moore, 2nd Yarkand Mission, Lep., p. 13, (1879).

————— Butler, Proc. Zool. Soc. Lond. 1880, p. 414.

————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351.

————— Walker, Cat. Lep. Het. B. M. xiii, p. 1025, (1887).

I. M., Chitral (Giles), Yarkand (2nd Mission).

Also recorded from Candahar, and the Altai Mountains.

2305. APOPESTES SPECTRUM.

Noctua spectrum, Esper., Schmett. iv, 131, pl. 100, figs. 3, 4.*

————— Fabr., Ent. Syst. iii, 2, p. 51, No. 151, (1794).

————— Bork., Eur. Schmett. iv, 5, 2.*

————— Hübn., Eur. Schmett. Noct., pl. 67, fig. 325.*

————— God., Lep. v, 105, pl. 54, fig. 3.*

————— Meig., Syst. Besch. iii, 134, 94, pl. 103, fig. 3.*

Noctua socrus, Girona, Cal. Ent. 142.*

Noctua genistæ, Vill., Ent. Linn. 329.*

Apopestes spectrum, Hübn., Verz. Bek. Schmett. p. 275, No. 2710, (1816).

————— Walker, Cat. Lep. Het. B. M. xiii, p. 1024, (1857).

Amphipyra spectrum, Treit., Schmett. v, 291, 7.*

Spintherops spectrum, Boisd., Ind. Meth. p. 98, No. 740, (1840).

————— Guén., Noct. ii, 423, 1280.*

————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 351.

I. M., Persia.

Collection Swinhoe, Quetta.

Also recorded from Europe.

FAMILY POAPHILIDÆ.

Genus *Poaphila*.2306. *POAPHILA FUSCIPALPIS*.

Poaphila fuscipalpis, Walker, Char. Undescr. Lep. Met, p. 92, (1869).
Benares.

2307. *POAPHILA LUTEICEPS*.

Poaphila luteiceps, Walker, Cat. Lep. Het. B. M., xxxiii, p. 992, (1865).
North India.

2308. *POAPHILA MARGINATA*.

Poaphila marginata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 991, (1865).
India.

2309. *POAPHILA OCULATA*

Poaphila oculata, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 11,
(1882).
Bengal.

2310. *POAPHILA PALLENS*.

Poaphila pallens, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 9,
(1882).
Calcutta.

2311. *POAPHILA QUADRILINEATA*.

Poaphila quadrilineata, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5,
fig. 22, (1882).
Sikkim, Cherrapunji.

2312. *POAPHILA REFLEXA*.

Plecoptera reflexa, Guén., Noot. ii, p. 431, No. 1303 *
Walker, Cat. Lep. Het. B. M., xiii, p. 1033, (1857).
Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
Trigonodes (?) gammoides, Walker, loc. cit. xv, p. 1833, (1858).
Poaphila (?) simplex, Walker, loc. cit., p. 1840, (1858).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.
Poaphila hamifera, Walker, loc. cit., xxxiii, p. 992, (1865).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451.

I. M., Solun, and Karachi (Swinhoe).
Collection Swinhoe, Solun, Umballa, Mhow, Karachi, Hydra-
bad (Sind), Campbellpore.
Also recorded from Poona.

2313. *POAPHILA UNIFORMIS*.

Poaphila uniformis, Moore, Descr. Ind. Lep. Atk. ii, p. 172, pl. 5, fig. 10,
(1882).
Parisnath Hill, Calcutta.

Genus **ILUZA**.2314. **ILUZA DECISA.**

Iluzā decisa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1007, (1865).
North India.

2315. **ILUZA DUPLEXA.**

Iluzā duplexa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 7, (1882).
Khasi Hills.

2316. **ILUZA PYRALINA.**

Iluzā pyralina, Moore, Proc. Zool. Soc. Lond. 1877, p. 610.
Andaman Islands.

2317. **ILUZA TRANSVERSA.**

Iluzā transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 15,
(1882).
Sikkim.

Genus **BORSIPPA**.2318. **BORSIPPA MARGINATA.**

Borsippa marginata, Moore, Proc. Ind. Lep. Atk. ii, p. 173, (1882).
Sikkim.
Allied to *B. quadrilineata*.

Genus **NASAYA**.2319. **NASAYA HEPATICA.**

Nasaya hepatica, Moore, Descr. Ind. Lep. Atk. ii, p. 173, (1882).
Sikkim.

Genus **DIERNA**.2320. **DIERNA ACANTHUSALIS.**

Dierna acanthusalis, Walker, Cat. Lep. Het. B. M. xvi, p. 205, (1858).
Moore, Lep. Ceyl. iii, p. 188, pl. 171, fig. 9, (1885).
Nahara clavifera, Walker, loc. cit. xxxiii, p. 1004, (1865).
Collection Swinhoe, Ceylon, Nilgiri Hills.

2321. **DIERNA MULTISTRIGARIA.**

Dierna multistrigaria, Moore, Lep. Atk. ii, p. 173, (1882).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Bombay, Cherrapunji.

Genus **Phurys**.2322. **PHURYS DISSIMILIS.**

Phurys dissimilis, Moore, Descr. Ind. Lep. Atk. ii, p. 174, (1882).

Cherrapunji.

Allied to *P. similis*.

2323. **PHURYS FASCIOSA.**

Phurys fasciosa, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 6, (1882).

Sikkim.

2324. **PHURYS OBLIQUA.**

Phurys obliqua, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

Bengal.

2325. **PHURYS SIMILIS.**

Phurys similis, Moore, Descr. Ind. Lep. Atk. ii, p. 174, pl. 6, fig. 5, (1882)

Sikkim.

Allied to *P. fasciosa*.

2326. **PHURYS STRIGATA.**

Phurys strigata, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

Bengal.

Genus **Tochara**.2327. **TOCHARA OBLIQUA.**

Tochara obliqua, Moore, Descr. Ind. Lep. Atk. ii, p. 175, pl. 6, fig. 27, (1882).

Khasi Hills, Cherra.

Genus **Arasada**.2328. **ARASADA PYRALIFORMIS.**

Arasada pyraliformis, Moore, Lep. Ceyl. iii, p. 189, pl. 172, figs. 1, 1a, (1885).

Ceylon.

FAMILY XYLINIDÆ.

Genus **Phorica**.2329. **PHORICA PHASIPENNIS.**

Phorica phasipennis, Walker, Cat. Lep. Het. B. M., xv, p. 1732, (1858).

India.

Genus **Lithophane**.2330. **LITHOPHANE DEFLEXA.***Xylina deflexa*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 751, (1865).*Lithophane deflexa*, Moore, Lep. Ceyl. iii, p. 39, (1884).

Ceylon.

2331. **LITHOPHANE INCHOANS.***Xylina inchoans*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 751, (1865)*Lithophane inchoans*, Moore, Lep. Ceyl. iii, p. 40, (1884).

Ceylon.

Genus **Xylina**.2332. **XYLINA SEPARATA.***Xylina separata*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 752, (1865).

North India.

Genus **Lyncestis**.2333. **LYNCESTIS AMPHIX.***Phalena (Noctua) amphix*, Cram., Pap. Exot. ii. pl. 134, fig. C, (1777).*Lyncestis amphix*, Walker, Cat. Lep. Het. B. M., xi, p. 632, (1857)

Coimandel.

Genus **Epimecia**.2334. **EPIMECIA ANGULATA.***Epimecia angulata*, Walker, Trans. Ent. Soc. Lond., ser. 3, vol. 1, p. 88,
(1862—64).

—————Cat. Lep. Het. B. M., xxxiii, p. 762, (1865).

India.

Genus **Corymbia**.2335. **CORYMBIA OBLIQUA.***Corymbia obliqua*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 766, (1865).

Madras.

Genus **Cucullia**.2336. **CUCULLIA ALBESCENS.***Cucullia albescens*, Moore, Proc. Zool. Soc. Lond., 1881, p. 357.

Dalhousie.

2337. **CUCULLIA ATKINSONI.***Cucullia atkinsoni*, Moore, Deser. Ind. Lep. Atk. ii, p. 181, (1882).

Sikkim.

Genus *Jarasana*.2338. *JARASANA LATIVITTA*.

Jarasana lativitta, Moore, Descr. Ind. Lep. Atk. ii, p. 132, (1882).
 Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 517.

Collection Swinhoe, Karachi. Poona.
 Also recorded from Benares.

FAMILY CATEPHIDÆ.

Genus *Briarda*.2339. *BRIARDA DECENS*.

Briarda decens, Walker, Cat. Lep. Het. B. M., xiii, p. 1098, (1857).
 Butler, Ill. Typ. Lep. Het. vi, p. 37, pl. 110, fig. 6, (1886).

Collection Swinhoe, Sikkim.
 Also recorded from Ceylon.

2340. *BRIARDA PRECEDENS*.

Briarda precedens, Walker, Cat. Lep. Het. B. M., xiii, p. 1098, (1857) ♂.
Briarda præcedens (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Briarda precedens, Moore Lep. Ceyl. iii, p. 98, pl. 156, fig. 8, (1884).
 Butler, Ill. Typ. Lep. Het. vi, p. 37, pl. 110, fig. 7, (1886).

Briarda antecedens, Walker, *loc. cit.*, xiii, p. 1099, (1857). ♀
 Collection Swinhoe, India.
 Also recorded from Sumatra and Ceylon.

2341. *BRIARDA VARIANS*.

Briarda varians, Moore, Proc. Zool. Soc. Lond. 1867, p. 66, pl. 6, fig. 12.
 Bengal.

Genus *Arcte*.2342. *ARCTE CÆRULEA*.

Cocytodes cærulea, Guén., Noct. iii, p. 41, 1370, pl. 13, fig. 10, (1852).*
Cocytodes carula, Walker, Cat. Lep. Het. B. M. xiii, p. 1123, (1857).
Cocytodes cærulea, Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Arcte cærulea, Moore, Lep. Ceyl. iii, p. 112, (1885).

I. M., Sikkim (Atkinson; also purchased), Shillong, Sibsagar (Peal).

Collection Swinhoe, Sikkim.
 Also recorded from Ceylon.

2343. *ARCTE GRANULATA*.

Cocytodes granulata, Guén., Noct. iii, p. 42, 1371.*
 Walker, Cat. Lep. Het. B. M., xiii, p. 1123, (1857).
 India.

2344. ARCTE MODESTA.

- Catocala modesta*, van der Hoeven, Lep. Nouv., pl. 7, fig. 8.*
 ———— Tijd. v. Natur. Gesch. vii, 1840, pl. 7, fig. 8, var.*
Cocytodes immodesta, Guén., Noct. iii, 42, 1372.*
Cocytodes modesta, Walker, Cat. Lep. Het. B. M., xiii, p. 1123, (1857).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Arcte senica, Felder & R. Reise, Novara Lep., pl. 113, fig. 2, (1864-75).
 Collection Swinhoe, Solun, Sikkim, Nilgiri Hills
 Also recorded from Java, Sumatra, Ceylon, Sylhet.

2345. ARCTE NIGRESCENS.

- Arcte nigrescens*, Butler, Ill. Typ. Lep. Het. vi, p. 38, pl. 110, fig. 8, (1886).
 Sikkim.

2346. ARCTE TAPROBANA.

- Arcte taprobana*, Moore, Lep. Ceyl. iii, p. 113, pl. 160, fig. 1, (1885).
 I. M., Sikkim.
 Collection Swinhoe, Ceylon.

Genus *Catephia*.

2347. CATEPHIA LINTEOLA.

- Catephia linteola*, Guén., Noct. iii, p. 44, 1375, (1852).*
 ———— Walker, Cat. Lep. Het. B. M., xiii, p. 1126, (1857).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
 ———— Lep. Ceyl. iii, p. 114, pl. 159, fig. 1, (1885).
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.
 I. M., Sikkim (purchased), Sibsagar (Peal), Calcutta (Baxter).
 Collection Swinhoe, Bombay.
 Also recorded from Ceylon.

Genus *Hyospila*.

2348. HYOSPILA BOLINOIDES.

- Hyospila bolinoides*, Guén., Noct. iii, p. 354, 1832.*
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.
 ———— Moore, Lep. Ceyl. iii, p. 203, (1885).
Thermesia signipalpis, Walker, Cat. Lep. Het. B. M., xv, p. 1572, (1858).
 I. M. (?), Andaman Islands (purchased).
 Collection Swinhoe, Bombay.
 Also recorded from Hongkong.

Genus *Aucha*.

2349. AUCHA NECTENS.

- Triphæna nectens*, Walker, Cat. Lep. Het. B. M., xv, p. 1704, (1858).
Triphanopsis nectens, Butler, Ann. Nat. Hist. (5), i, p. 133, (1878).
Aucha nectens, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 461.
 Collection Swinhoe, Bombay.

2350. *AUCHA VELANS*.

Aucha velans, Walker, Cat. Lep. Het. B. M. xiii, p. 1138, (1857).
 ——— Moore, Lep. Ceyl. iii, p. 130, (1885).

Ceylon.

Genus *Mosara*.2351. *MOSARA APICALIS*.

Mosara apicalis, Walker, Cat. Lep. Het. B. M. v, p. 1032, (1855).
 ——— Moore, Lep. Ceyl. iii, p. 119, pl. 159, figs. 3, 3a, (1885).
Anophia lateralis, Walker, loc. cit. xxxiii, p. 917, (1865).
Mosara lateralis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461.

Collection Swinhoe, Poona.

Also recorded from Ceylon.

Genus *Anophia*.2352. *ANOPHIA ACRONYCTOIDES*.

Anophia acronyctoides, Guén., Noct. iii, 47, 1378.*
 ——— Walker, Cat. Lep. Het. B. M. xiii, p. 1123,
 (1857).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

I. M., Andaman Islands (purchased), Sikkim.

Also recorded from Australia, Ceylon, Punjab, Nepal, Sylhet.

2353. *ANOPHIA DIPHTHEROIDES*.

Anophia diptheroides, Moore, Lep. Ceyl. iii, p. 118; pl. 159, fig. 3, (1885).
 Ceylon.

2354. *ANOPHIA EPUNDOIDES*.

Anophia epundoides, Walker, Cat. Lep. Het. B. M. xxxiii, p. 917, (1865).
 Canara.

2355. *ANOPHIA OLIVESCENS*.

Anophia olivescens, Guén., Noct. iii, p. 48, pl. 14, fig. 11, (1852).*
 ——— Walker, Cat. Lep. Het. B. M. xiii, p. 1123, (1857).
Anophia olivescens, Moore, Lep. Ceyl. iii, p. 117, (1885).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.
Anophia olivascens (sic), Moore, Proc. Zool. Soc. Lond. 1877, p. 606.
 I. M., Bombay and Poona (Swinhoe), Cachar (Wood-Mason).
 Sibsaagar (Peal), Ranchi (Irvine).
 Collection Swinhoe, Kasauli, Karachi, Umballa, Poona, Bombay,
 Mhow, Ceylon.
 Also recorded from Andaman Islands.

2356. *ANOPHIA PERDICIPPENNIS*.

Anophia perdicippennis, Moore, Descr. Ind. Lep. Atk. ii, p. 162, pl. 5, fig. 18,
 (1882).

Sikkim.

Genus **Zarima**.2357. **ZARIMA DENTIFERA**.

Zarima dentifera, Moore, Descr. Ind. Lep. Atk. ii, p. 162, pl. 5, fig. 19.
(1882).

Sikkim.

Genus **Vapara**.2358. **VAPARA FASCIATA**.

Vapara fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 163, (1882).

Collection Swinhoe, Sikkim.

2359. **VAPARA INDISTINCTA**.

Vapara indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 163, (1882).
Lep. Ceyl. iii, p. 120, pl. 159, fig. 7, (1885).

Collection Swinhoe, Sikkim.

Also recorded from Ceylon.

Genus **Stictoptera**.2360. **STICTOPTERA BOARMIOIDES**.

Steira boarmioides, Walker, Cat. Lep. Het. B. M., xxxiii, p. 923, (1865).

North India.

2361. **STICTOPTERA DENTICULATA**.

Stictoptera denticulata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 919,
(1865).

India.

2362. **STICTOPTERA GRISEA**.

Stictoptera grisea, Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Sikkim.

2363. **STICTOPTERA ILLUCIDA**.

Stictoptera illucida, Walker, Cat. Lep. Het. B. M., xxxiii, p. 918, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 67.

Calcutta.

2364. **STICTOPTERA OLIVASCENS**.

Stictoptera olivascens, Moore, Descr. Ind. Lep. Atk. ii, p. 164, (1882).

Khasi Hills.

Allied to *S. denticulata*.

2365. **STICTOPTERA SUBOBLIQUA**.

Steiria subobliqua, Walker, Cat. Lep. Het. B. M., xiii, p. 1136, (1857).

Stictoptera subobliqua, Moore, Lep. Ceyl. iii, p. 121, pl. 159, figs. 4, 4a, 4b,
(1885).

Ceylon.

2366. STICTOPTERA TRAJICIENS.

Steiria trajiciens, Walker, Cat. Lep. Het. B. M., xiii, p. 1137, (1857).
Stictoptera trajiciens, Moore, Lep. Ceyl. iii, p. 122, pl. 158, fig. 12, (1885).
 Ceylon.

2367. STICTOPTERA VARIABILIS.

Steiria variabilis, Moore, Descr. Ind. Lep. Atk. ii, p. 164, (1882).
Stictoptera variabilis, Moore, Lep. Ceyl. iii, p. 120, pl. 159, fig. 5, (1885).
 Sikkim, Ceylon.
 Allied to *S. cucullioides* of Java.

Genus *Erygia*.

2368. ERYGIA APICALIS.

Erygia apicalis, Guén., Noct. iii, 50, 1381*.
 ——— Walker, Cat. Lep. Het. B. M., xiii, p. 1129, (1857).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 67.
Culicula exempta, Walker, loc. cit. xv, p. 1808, (1858).
 Collection Swinhoe, Mhow.

Genus *Odontodes*.

2369. ODONTODES ALEUCA.

Odontodes aleuca, Guén., Noct. iii, 51, 1382*.
 ——— Walker, Cat. Lep. Het. B. M., xiii, p. 1130, (1857).
 ——— Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
 I. M., Barakur, Calcutta, Solun (Swinhoe).
 Collection Swinhoe, Solun, Sikkim, Bombay.

2370. ODONTODES BOLINOIDES.

Briarda bolinoides, Walker, Cat. Lep. Het. B. M., xv, p. 1802, (1858).
Steiria sulfasciata, Walker, loc. cit., xxxiii, p. 922, (1865).
Odontodes bolinoides, Moore, Proc. Zool. Soc. Lond. 1867, p. 67.
Steiria quadristrigata, Walker, loc. cit. xxxiii, p. 923, (1865).
 Collection Swinhoe, Mhow.

Genus *Sadarsa*.

2371. SADARSA LONGIPENNIS.

Sadarsa longipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, pl. 5, fig. 14, (1882).
 Sikkim.

2372. SADARSA TENUIS.

Cucullia tenuis, Moore, Proc. Zool. Soc. Lond. 1867, p. 60.
Sadarsa tenuis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).
 Sikkim.

Genus *Gyrtona*.2373. *GYRTONA ALBODENTATA*.

Gyrtona albodentata, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).

Cherrapunji, Khasi Hills.

2374. *GYRTONA CHALYBEA*.

Gyrtona chalybea, Butler, Proc. Zool. Soc. Lond. 1883, p. 163.

Collection Swinhoe, Solun, Sikkim, Buxar.

2375. *GYRTONA DORSALIS*.

Gyrtona dorsalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 98, (1863).

————— Moore, Lep. Ceyl. iii, p. 125, pl. 158, figs. 10 & 11, (1885).

Othora subfasciata, Walker, loc. cit. xxxiii, p. 907, (1865).

Othora includens, Walker, loc. cit., p. 909, (1865).

Ariola bryophilina, Felder & R. Reise, Novara Lep., pl. 120, fig. 10, (1864-75).

Collection Swinhoe, Ceylon, Nilgiri Hills.

2376. *GYRTONA HYLUSALIS*.

Gyrtona hylusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 93, (1863).

————— Moore, Lep. Ceyl. iii, p. 124, (1885).

Gyrtona nigrocinerea, Walker, loc. cit. xxvii, p. 94, (1863).

Gyrtona dorsifascialis, Walker, loc. cit. xxvii, p. 95, (1863).

Gyrtona strenualis, Walker, loc. cit. xxvii, p. 96, (1863).

Gyrtona monilialis, Walker, loc. cit. xxvii, p. 97, (1863).

Nephopteryx demptella, Walker, loc. cit. xxxv, p. 1721, (1866).

Ceylon.

2377. *GYRTONA MUSCOSA*.

Diomea muscosa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 898, (1865).

Gyrtona muscosa, Moore, Lep. Ceyl. iii, p. 124, (1885).

Ceylon.

2378. *GYRTONA PHYCISOIDES*.

Gyrtona phycisoides, Moore, Lep. Ceyl. iii, p. 125, pl. 158, fig. 8, (1885).

Ceylon.

2379. *GYRTONA THORACIA*.

Gyrtona thoracia, Walker, Cat. Lep. Het. B. M. xxvii, p. 9, (1863).

Gyrtona thoracica (sic), Moore, Lep. Ceyl. iii, p. 124, (1885).

Ceylon.

Genus **Lophoptera**.2380. **LOPHOPTERA COSTATA**.*Lophoptera costata*, Moore, MS.

Butler, Proc. Zool. Soc. Lond. 1883, p. 163.

Moore, Lep. Ceyl. iii, p. 123, p. 159, fig. 8, (1885).

Collection Swinhoe, Dharmasala.

Also recorded from Ceylon.

2381. **LOPHOPTERA XYLINATA**.*Lophoptera xylinata*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 920, (1865).

Canara.

Genus **Ægilia**.2382. **ÆGILIA ANGULATA**.*Ægilia angulata*, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).

Sikkim.

2383. **ÆGILIA DESCRIBENS**.*Ægilia describens*, Walker, Cat. Lep. Het. B. M. xiii, p. 1139, (1857).

Moore, Lep. Cyl. iii, p. 122, (1885).

Ceylon.

2384. **ÆGILIA OBSCURA**.*Ægilia obscura*, Moore, Descr. Ind. Lep. Atk. ii, p. 146, (1882).

Sikkim, Sarawak.

Genus **Brana**.2385. **BRANA CALOPASA**.*Brana calopasa*, Walker, Cat. Lep. Het. B. M., xiii, p. 1100, (1857).

Moore, Lep. Ceyl. iii, p. 44, pl. 148, fig. 6, (1884).

Collection Swinhoe, Ceylon.

Genus **Athyрма**.2386. **ATHYRMA DIVULSA**.*Athyрма divulsa*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 966, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Collection Swinhoe, Sylhet, Bombay.

2387. **ATHYRMA POLYSPILA**.*Athyрма polyaspila*, Walker, Cat. Lep. Het. xxxiii, p. 966, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Collection Swinhoe, India.

Also recorded from Sylhet.

2387. *ATHYRMA TESSMIIATA*.

Athyрма tessellata, Moore, Proc. Zool. Soc. Lond. 1867, p. 76.
Bengal.

FAMILY HYPOGRAMMIDÆ.

Genus *Callyna*.2389. *CALLYNA COSTIPLAGA*.

Callyna costiplaga, Moore, Lep. Ceyl. iii, p. 100, pl. 156, fig. 10, (1884).
Ceylon.

2390. *CALLYNA JUGARIA*.

Callyna jugaria, Walker, Cat. Lep. Het. B. M., xv, p. 1809, (1858).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
I. M., Cachar (Wood-Mason), Andaman Islands (purchased).
Collection Swinhoe, Poona.

2391. *CALLYNA MONOLEUCA*.

Callyna monoleuca, Walker, Cat. Lep. Het. B. M., xv, p. 1667, (1858); and
xxviii, p. 914, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
I. M., Sikkim (purchased), Sibsagar (Peal).
Collection Swinhoe, Sikkim.
Also recorded from Canara.

2392. *CALLYNA SEMIVITTA*.

Callyna semivitta, Moore, Descr. Ind. Lep. Atk. ii, p. 161, (1882).
Waterhouse, Aid. iii, pl. 160, fig. 3, (1885)*.
Sikkim.
Allied to *C. jugaria*.

2393. *CALLYNA SIDEREA*.

Callyna sidera, Guén, Noct. i, 113, 178*.
Walker, Cat. Lep. Het. B. M., xiii, p. 1119, (1857).
Moore, Zool. Soc. Lond. 1867, p. 66.
Callyna sidera (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
I. M., Poona.
Collection Swinhoe, Poona.
Also recorded from North India and Sylhet.

Genus *Dinumma*.2394. *DINUMMA DEPONENS*.

Dinumma depnens, Walker, Cat. Lep. Het. B. M., xv, p. 1806, (1858).
India.

2395. *DINUMMA MYSTICA*.

Dinumma mystica, Walker, Cat. Lep. Het. B. M., xv, p. 1807, (1858).
India.

2396. *DINUMMA PLACENS*.

Dinumma placens, Walker, Cat. Lep. Het., xv, p. 1806, (1858).
Moore, Lep. Ceyl. iii, p. 101, pl. 156, fig. 11, (1884).
Collection Swinhoe, Dharmasala.
Also recorded from Ceylon.

Genus *Burdria*.2397. *BURDRIA EDEMOIDES*.

Burdria edemoides, Walker, Char. Undescr. Lep. Het., p. 59, (1869).
India.

Genus *Corsa*.2398. *CORSA LIGNICOLORA*.

Corsa lignicolora, Walker, Cat. Lep. Het. B. M., xiii, p. 1101, (1857).
Moore, Lep. Ceyl. iii, p. 99, pl. 156, fig. 9, (1884).
Ceylon.

Genus *Hypogramma*.2399. *HYPGRAMMA QUADRINOTATA*.

Hypogramma quadrinotata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 89,
(1865).
India.

2400. *HYPGRAMMA VALIDULA*.

Hypogramma validula, Walker, Cat. Lep. Het. B. M., xxxiii, p. 893, (1865).
Punjab.

Genus *Gadirtha*.2401. *GADIRTHA DECRESCENS*.

Gadirtha decrescens, Walker, Cat. Lep. Het., xiii, p. 1104, (1857).
Moore, Lep. Ceyl. iii, p. 102, (1884).
Ceylon.

2402. *GADIRTHA IMPINGENS*.

Gadirtha impingens, Walker, Cat. Lep. Het. B. M., xiii, p. 1103, (1857).
Collection Swinhoe, Hongkong.
Also recorded from India.

2403. *GADIETHA INEXACTA*.

Gadirtha inexacta, Walker, Cat. Lep. Het. B. M., xiii, p. 1102, (1857).
Collection Swinhoe, North India.

2404. *GADIETHA RECTIFERA*.

Gadirtha rectifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 807, (1865).
 Moore, Lep. Ceyl. iii, p. 101, (1884).
Ceylon.

Genus *Plotheia*.2405. *PLOTHEIA ANEA*.

Othora anea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520, pl. 48, fig. 1.
Collection Swinhoe, Karachi.

2406. *PLOTHEIA ALBIVITTA*.

Othora albivitta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 908, (1865).
Plotheia albivitta, Moore, Lep. Ceyl. iii, p. 111, (1885).
Ceylon.

2407. *PLOTHEIA ALBOTECTA*.

Othora albotecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 903, (1865).
Plotheia albotecta, Moore, Lep. Ceyl. iii, p. 109, (1885).
Ceylon.

2408. *PLOTHEIA BASIFASCIA*.

Othora basifascia, Walker, Cat. Lep. B. M., xxxiii, p. 911, (1865).
Plotheia basifascia, Moore, Lep. Ceyl. iii, p. 107, pl. 157, fig. 8, (1885).
Ceylon.

2409. *PLOTHEIA CINERASCENS*.

Othora cinerascens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 903, (1865).
Plotheia cinerascens, Moore, Lep. Ceyl. iii, p. 109, (1885).
Ceylon.

2410. *PLOTHEIA CONCISA*.

Othora concisa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 910, (1865).
Plotheia concisa, Moore, Lep. Ceyl. iii, p. 110, (1885).
Ceylon.

2411. *PLOTHEIA FRONTALIS*.

Plotheia frontalis, Walker, Cat. Lep. Het. B. M., xiii, p. 1109, (1857).
 Moore, Lep. Ceyl. iii, p. 106, pl. 157, fig. 6, (1885).
Othora canescens, Walker, *loc. cit.* xxxiii, p. 904, (1865).
Collection Swinhoe, Ceylon.

2412. PLOTHEIA GRISEOVIRENS.

Plotheia griseovirens, Moore, Lep. Ceyl. iii, p. 108, pl. 158, fig. 2, (1885).
Ceylon.

2413. PLOTHEIA GUTTULOSA.

Gadirtha guttulosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 897, (1865).
Othora onusta, Walker, loc. cit., p. 908, (1865).
Othora signata, Walker, loc. cit., p. 908, (1865).
Plotheia guttulosana (sic), Moore, Lep. Ceyl. iii, p. 107, pl. 158, fig. 1,
(1885).

Collection Swinhoe, India.
Also recorded from Ceylon.

2414. PLOTHEIA IMPRIMENS.

Othora imprimens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 911, (1865).
Plotheia imprimens, Moore, Lep. Ceyl. iii, p. 110, (1885).
Ceylon.

2415. PLOTHEIA LATIVITTA.

Plotheia lativitta, Moore, Lep. Ceyl. iii, p. 106, pl. 157, fig. 11, (1885).
Ceylon.

2416. PLOTHEIA LICHENOIDES.

Galleriomorpha lichenoides, Felder, Wien Ent. Mon. vi, 1862, Note, p. 38.
Reise, Novara Lep., pl. 100, fig. 15, (1864-75).
Nietner, Rev. et Mag. de Zool., 864, p. 80.
Observs. on Enemies of Coffee Tree
in Ceylon, p. 23.*
Plotheia lichenoides, Moore, Lep. Ceyl. iii, p. 108, pl. 157, fig. 9, (1885).
Ceylon.

2417. PLOTHEIA ORBICULARIS.

Diomea orbicularis, Walker, Cat. Lep. Het. B. M., xv, p. 1804, (1858).
Plotheia orbicularis, Moore, Lep. Ceyl. iii, p. 111, (1885).
Ceylon.

2418. PLOTHEIA PLAGIATA.

Othora plagiata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 907, (1865).
Plotheia plagiata, Moore, Lep. Ceyl. iii, p. 110, (1885).
Ceylon.

2419. PLOTHEIA RUDIVITTA.

Egelesta rudivitta, Walker, Cat. Lep. Het. B. M., xv, p. 1748, (1858).
Plotheia rudivitta, Moore, Lep. Ceyl. iii, p. 111, (1885).
Ceylon

2420. *PLOTHEIA SPURCATA*.

Gadiriha spurcata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 896, (1865).

Othora lutea, Walker, loc. cit. xxxiii, p. 909, (1865).

Plotheia spurcata, Moore, Lep. Ceyl. iii, p. 106, pl. 157, figs. 5, 7, and 12, (1885).

Ceylon.

2421. *PLOTHEIA SUBGLAUCA*.

Othora subglauca, Walker, Cat. Lep. Het. B. M. xxxiii, p. 905, (1865).

Plotheia subglauca, Moore, Lep. Ceyl. iii, p. 110, (1885).

Ceylon.

2422. *PLOTHEIA VELATA*.

Othora velata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 902, (1865).

Plotheia velata, Moore, Lep. Ceyl. iii, p. 109, (1885).

Ceylon.

Genus *Mœpa*.2423. *Mœpa ALBIDENS*.

Mapa albidens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 916, (1865).

South India.

Genus *Selepa*.2424. *SELEPA CELTIS*.

Selepa celtis, Moore, Cat. Lep. Mus. E. I. C. ii, p. 353, pl. 9a, fig. 9, and pl. 16, figs. 8, 8a, (1857).

———— Lep. Ceyl. iii, p. 103, pl. 158, fig. 5, (1884).

———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412, pl. 15, fig. 4.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

Subrita curviferella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1745, (1866).

Selepa curviferella, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 449.

Collection Swinhoe, Bombay, Poona, Mhow.

Also recorded from Ceylon.

2425. *SELEPA DOCILIS*.

Selepa docilis, Butler, Proc. Zool. Soc. Lond. 1881, p. 619.

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Collection Swinhoe, Karachi, Hyderabad (Sind).

2426. *SELEPA OCCULTA*.

Selepa occulta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461, pl. 27, fig. 11 ; and 1886, p. 449.

Collection Swinhoe, Poona, Mhow.

2427. *SELEPA STRIGIFERA*.

Selepa strigifera, Moore, Lep. Ceyl. iii, p. 103, pl. 158, figs. 3, 3a, (1884).
Ceylon.

2428. *SELEPA VITEA*.

Selepa vitea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460, pl. 27, fig. 17.
I. M., Khandalla (Swinhoe).
Collection Swinhoe, Bombay, Khandalla.

Genus *Symitha*.2429. *SYMITHA INDICA*.

Sarrothripa indica, Felder & R. Reise, Novara Lep. iv, pl. 106, fig. 19,
(1864-75).
Symitha indica, Moore, Lep. Ceyl. iii, p. 104, pl. 158, fig. 6, (1884).
Ceylon.

2430. *SYMITHA SCEPTICA*.

Symitha szeptica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 461, pl. 27, fig. 6.
Bombay.

2431. *CLETTHARA*

Cletthara b
Ceylon.

FAMILY POLYDESMIDÆ.

Genus *Bamra*.2432. *BAMRA ACRONYCTOIDES*.

Bamra acronyctoides, Moore, Descr. Ind. Lep. Atk. ii, p. 160, (1882).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and
1886, p. 448.

Collection Swinhoe, Umballa, Poona, Mhow.
Also recorded from Sikkim.

2433. *BAMRA ALBICOLA*.

Felinia albicola, Walker, Cat. Lep. Het. B. M., xiv, p. 1515, (1858).
Bamra albicola, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).
India.

2434. *BAMRA DISCALIS*.

Agriopsis discalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 57, pl. vii, fig. 2.
Bamra discalis, Moore, Descr. Ind. Lep. Atk. ii, p. 159, (1882).

I. M., Sibsagar (Peal), Sikkim (purchased).
 Collection Swinhoe, Sibsagar.

2435. *BAMRA LEPIDA*.

Agriopsis lepida, Moore, Proc. Zool. Soc. Lond. 1867, p. 56.
 Bengal.

Genus *Oromena*.2436. *OROMENA RELINQUENDA*.

Briarda relinquenda, Walker, Cat. Lep. Hct. B. M., xv, p. 1802, (1858).
Oromena relinquenda (sic), Moore, Descr. Ind. Lep. Atk. ii, p. 160, (1882).

I. M., Sikkim (purchased), Mergui (Anderson).
 Collection Swinhoe, Sikkim.

Genus *Donda*.2437. *DONDA EURYCHLORA*.

Dandaca eurychlora, Walker, Cat. Lep. Hct. B. M., xv, p. 1670, (1858).
Donda eurychlora, Moore, Proc. Zool. Soc. Lond. 1883, p. 23.
 Canara, Sikkim.

2438. *DONDA ORNATA*.

Donda ornata, Moore, Proc. Zool. Soc. Lond. 1883, p. 23, pl. 6, fig. 3
 Bombay.

2439. *DONDA STRIATOVIRENS*.

Donda striatovirens, Moore, Proc. Zool. Soc. Lond. 1883, p. 23, pl. 6, fig. 2.
 Cherrapunji.

2440. *DONDA THORACICA*.

Donda thoracica, Moore, Descr. Ind. Lep. Atk. ii, p. 161, pl. v, fig. 7, (1882).
 Sikkim.

Genus *Pandesma*.2441. *PANDESMATA DEVIA*.

Pandesma devia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520, pl. 48, fig. 3.
 Collection Swinhoe, Karachi, Gonda, Hyderabad (Sind).

2442. *PANDESMATA HEMODI*.

Pandesma hemodi, Felder & R. Reise, Novara Lep., pl. 111, fig. 25,
 (1864-76).

I. M., Sikkim (purchased).

2443 PANDESMIA QUENAVADI.

- Pandesma quenavadi*, Guén., Noct. ii, p. 438, No. 1310.*
 _____ Walker, Cat. Lep. Het. B. M., xiii, p. 1040, (1857).
 _____ Moore, Proc. Zool. Soc. Lond. 1867, p. 65.
 _____ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and
 _____ 1886, p. 448.
 _____ Moore, Lep. Ceyl. iii, p. 91, pl. 156, fig. 1, (1884).
 _____ Butler, Proc. Zool. Soc. Lond. 1886, p. 381.
Pandesma anysa, Guén. Noct. ii, 439, 1311.*
 _____ Walker, Cat. Lep. Het. B. M., xiii, p. 1040, (1857).
 _____ Moore, Proc. Zool. Soc. Lond. 1883, p. 23.
 _____ Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
 _____ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.
Cerbia fugitiva, Walker, loc. cit. xiv, p. 1365, (1858).
Thria fugitiva, Butler, Proc. Zool. Soc. Lond. 1881, p. 619.
Pandesma fugitiva, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 519.
 Collection Swinhoe, Solun, Mhow, Poona, Bombay, Karachi.
 Also recorded from Campbellpore and Sylhet.

Genus *Pandesma*.

2444 PANDESMIA SIMILATA.

- Pandesma similata*, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.
 _____ Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.
 Collection Swinhoe, Shikapore (Sind).
 Also recorded from Rawalpindi, Allahabad.

2445. PANDESMIA SUBLIMIS.

- Pandesma* (?) *sublimis*, Felder & R. Reise, Novara Lep., pl. 111, fig. 23,
 (1864—1875).
 I. M., Sikkim (purchased).

Genus *Polydesma*.

2446. POLYDESMIA BOARMOIDES.

- Polydesma boarmoides*, Guén., Noct. ii, p. 441, (1852).*
 _____ Walker, Cat. Lep. Het. B. M. xiii, p. 1042, (1857).
 _____ Moore, Proc. Zool. Soc. Lond. 1867, p. 65; and
 _____ 1877, p. 606.
 _____ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and
 _____ 1886, p. 448.
Polydesma mastrucata, Felder & R. Reise, Novara, Lep., pl. iii, fig. 31,
 (1864-75).
Anodyspha boarmoides, Moore, Lep. Ceyl. iii, p. 92, pl. 156, fig. 2, (1884).
Alamis brevipalpis, Walker, Cat. Lep. Het. B. M. xiii, p. 1051, (1857).
Polydesma brevipalpis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459; and
 _____ 1886, p. 448.
 Collection Swinhoe, Mhow, Poona, Bombay, Sikkim, Ceylon.
 Also recorded from Ceylon, Andaman Islands, Sylhet, Cashmir.

2447. POLYDESMA ERUBESCENS.

Polydesma erubescens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 876, (1865).
Anodapha erubescens, Moore, Lep. Ceyl. iii, p. 92, (1884).

Ceylon.

2448. POLYDESMA OTIOSA.

Polydesma otiosa, Guén., Noct. ii, 442, 1316.*
 ——— Walker, Cat. Lep. Het. B. M., xiii, p. 1042, (1857).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

2449. POLYDESMA SCRIPTILIS.

Polydesma scriptilis, Guén., Noct. ii, 442, 1315.*
 ——— Walker, Cat. Lep. Het. B. M., xiii, p. 1042, (1857).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

Genus **Thria**.

2450. THRIA INEPTA.

Thria (?) inepta,

Collection Swin

FAM

2451. ALAMIS CONTINU

Alamis continua.

Homoptera conti

Collection Swin

2452. ALAMIS GLAUCINANS.

Alamis glaucinans, Guén., Noct. iii, 6, 1326.*
 ——— Walker, Cat. Lep. Het. B. M. xiii, p. 1050, (1857).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Sylhet.

2453. ALAMIS HYPOPHÆA.

Alamis hypophæa, Guén., Noct. iii, 4, 1323.*
 ——— Walker, Cat. Lep. Het. B. M., xiii, p. 1049, (1857).

India.

2454. *ALAMIS INFLIGENS*.*Homoptera infligens*, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Alamis infligens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Poona and Karachi (Swinhoe).

Collection Swinhoe, Poona, Bombay, Karachi.

2455. *ALAMIS UMBRINA*.*Alamis umbrina*, Guén., Noct. iii, 4, 1921.*

Walker, Cat. Lep. Het. B. M., xiii, 1049, (1857).

Butler, Proc. Zool. Soc. Lond. 1886, p. 381.

Moore, Journ. As. Soc. Beng. liii, pt. 2, p. 236, (1884).

var. *Alamis albicincta*, Guén., Noct., p. 4, No. 1322.*

Walker, loc. cit., xiii, p. 1049, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 459.

I. M., Cachar (Wood-Mason), Calcutta, Kulu (Young).

Collection Swinhoe, Solun, Mhow, Campbellpore, Karachi.

Also recorded from Sylhet, Poona.

Genus *Caduca*.2456. *CADUCA MELEAGRIS*.*Alamis meleagris*, Felder & R. Reise, Novara Lep., pl. 111, fig. 32,
(1864-75).*Caduca meleagris*, Moore, Lep. Ceyl. iii, p. 96, pl. 156, fig. 7, (1884).

Ceylon.

Genus *Homoptera*.2457. *HOMOPTERA ALBOPUNCTATA*.*Homoptera albopunctata*, Walker, Cat. Lep. Het. B. M., xiii, p. 1068, (1857).

North India.

2458. *HOMOPTERA ANTICA*.*Homoptera antica*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 887, (1865).

South India.

2459. *HOMOPTERA CATENATA*.*Homoptera catenata*, Moore, Lep. Ceyl. iii, p. 550, pl. 214, fig. 1, (1887).

Ceylon.

2460. *HOMOPTERA COSTIFERA*.*Homoptera costifera*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 886, (1865).

Moore, Lep. Ceyl. iii, p. 97, (1884).

Ceylon.

2461. *HOMOPTERA DETERSA*.*Homoptera detera*, Walker, Cat. Lep. Het. B. M. xxxiii, p. 888, (1865).

North India.

2462. HOMOPTERA INTENTA.

Homoptera intenta, Walker, Cat. Lep. Het. B. M. xiii, p. 107, (1857).
Campbellpore.

2463. HOMOPTERA PLUMIPES.

Homoptera plumipes, Walker, Cat. Lep. Het. B. M. xxiii, p. 888, (1865).
North India.

2464. HOMOPTERA PROCUMBENS.

Homoptera procumbens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 886, (1865).
Moore, Lep. Ceyl. iii, p. 97, (1884).
Ceylon.

2465. HOMOPTERA RETRAHENS.

Homoptera retrahens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 887, (1865).
Moore, Lep. Ceyl. iii, p. 97, (1884).
Ceylon.

2466. HOMOPTERA SOLITA.

Homoptera solita, Walker, Cat. Lep. Het. B. M. xiii, p. 1068, (1857).
Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 411, pl. 14,
fig. 9.
Mhow.

2467. HOMOPTERA VETUSTA.

Polydesma vetusta, Walker, Cat. Lep. Het. B. M. xxxiii, p. 875, (1865).
Homoptera vetusta, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.
Collection Swinhoe, Karachi, Mhow.

2468. HOMOPTERA VILIS.

Homoptera vilis, Walker, Cat. Lep. Het. B. M. xxxiii, p. 889, (1865).
Butler, Proc. Zool. Soc. Lond. 1886, p. 382.
Collection Swinhoe, Campbellpore.

Genus **Panilla**.

2469. PANILLA DISPILA.

Homoptera dispila, Walker, Cat. Lep. Het. B. M. xxxiii, p. 890, (1865).
Homoptera divisiatriga, Walker, M. S. B. M. Cab.
Panilla dispila, Moore, Lep. Ceyl. iii, p. 93, pl. 156, fig. 12, (1884).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.
Collection Swinhoe, Poona, Nilgiri Hills.
Also recorded from Ceylon.

Genus *Girpa*.2470. *GIRPA ERIOPHORA*.

Hulodes eriophora, Guén., Noct. iii, p. 210, 1611, ♀, (1852)*.

Walker, Cat. Lep. Het. B. M., xi 7, p. 1336, (1858).

Ophisma deficiens, Walker, loc. cit. xiv, p. 1383, (1858).

Remigia perfidiosa, Walker, loc. cit. xiv, p. 1511, (1858).

Hypopyra apicalis, Walker, Journ. Linn. Soc. vii, p. 178, (1864).

Ophisma cunulifera, Walker, M. S. B. M. Coll.

Girpa eriophora, Moore, Lep. Ceyl. iii, p. 95, pl. 156, fig. 4, ♀, (1884).

Cotusa deficiens, Moore, Proc. Zool. Soc. Lond. 1867, p. 74, pl. 7, fig. 1.

I. M., Sibsagar.

Collection Swinhoe, Ceylon, Nilgiri Hills.

Also recorded from Sylhet and China.

2471. *GIRPA FRATERNA*.

Girpa fraterna, Moore, Lep. Ceyl. iii, p. 94, pl. 156, figs. 5, 5x, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Khandalla, and Nilgiri Hills (Swinhoe).

Collection Swinhoe, Khandalla, Matheran, Mhow, Nilgiri Hills,

Poona, Bombay, Ceylon.

2472. *GIRPA INANGULATA*.

Hulodes inangulata, Guén., Noct. iii, 210, 1612*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1337, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Remigia optativa, Walker, loc. cit. xiv, p. 1510, (1858).

Remigia optatura, Walker, loc. cit. xv, 1848, (1858).

Remigia comitata, Walker, loc. cit. xxxiii, p. 1018, (1865).

Hulodes umbrosa, Walker, Char. Undesor. Lep. Het. p. 91, ♂, 1869.

Girpa inangulata, Moore, Lep. Ceyl. iii, p. 94, pl. 156, figs. 6 & 6a, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

Girpa optativa, Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

Alamis optatura, Moore, Proc. Zool. Soc. Lond. 1867, p. 65.

Girpa optatura, Butler, Proc. Zool. Soc. Lond. 1881, p. 620.

I. M., Andaman Islands (DeRoepstorff), Ceylon (Colombo Museum), Sikkim.

Collection Swinhoe, Solun, Kasaoli, Sikkim, Mhow, Poona, Bombay, Ahmedabad, Nilgiri Hills.

Also recorded from Sylhet, Madras, Benares, and China.

2473. *GIRPA PERTENDENS*.

Remigia pertendens, Walker, Cat. Lep. Het. B. M., xiv, p. 1512, (1858).

Girpa pertendens, Moore, Lep. Ceyl. iii, p. 95, pl. 156, figs. 3 & 3a, (1884).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 460.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Kulu, Poona, Nilgiri Hills.

Also recorded from Ceylon.

OTHEREIS CAJETA—continued.

Ophideres multiscripta, Walker, Cat. Lep. Het. B. M. xiii, p. 1226, (1857).

Othereis cajeta, Moore, Trans. Zool. Soc. 1881, p. 67, pl. xiii, figs. 2, 2a.

———— Lep. Ceyl. iii, p. 132, pl. 162, figs. 1, 1a, (1885).

———— Swinhoe, Proc. Zool. Soc. 1885, p. 463.

I. M., Sibsagar (Peal), Sylhet.

Collection Swinhoe, Belgaum, Ceylon.

Also recorded from Malabar, Madras, Sumatra, Australia, New Hebrides (?), Africa.

2477. OTHEREIS FULLONICA.

Phalena (Noctua) fullonica, Linn., Syst. Nat. ii, p. 812, 16, (1767).

Phalena fullonia, Clerck Icones, pl. 48, (1759).

Noctua dioscoreæ, Fabr., Sp. Ins. ii, p. 212, No. 15, (1781).

———— Syst. Ent., p. 593, (1775).

———— Mant. Ins. ii, p. 137, No. 19, (1787).

———— Ent. Syst. iii, 2, p. 18, No. 26, (1794).

Phalena (Noctua) pomona, Cram., Pap. Exot. vol. I, pl. 77, fig. C, (1776).

Othereis pomona, Hubn., Verz. Bek. Schmett, p. 264, No. 2596, (1816).

Corycia dioscoreæ, Hubn., Verz. Bek. Schmett, p. 265, No. 2600, (1816).

Ophideres fullonica, Guén., Noct. iii, p. 111, 1477*.

———— Walker, Cat. Lep. Het. B. M., xiii, p. 1222, (1857).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 607.

Ophideres cajeta, Walker, loc. cit., xiii, p. 1223, (1857).

Othereis fullonica, Moore, Trans. Zool. Soc. Lond. 1881, p. 64, pl. 12, figs. 1, 1a, and pl. 13, figs. 1, 1a.

———— Lep. Ceyl. iii, p. 131, (1885).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463, and 1886, p. 450.

I. M., Sibsagar (Peal), Darbhanga (Maries), Kulu (Young), Khasi Hills (Chennel), Andaman Islands (purchased), Sikkim (purchased; also Barnes), Shillong, Buxa (Moti Ram), Cachar (Wood-Mason), Tavoy (Moti Ram).

Collection Swinhoe, Mhow, Sikkim, Bombay, Karachi, Ceylon.

Also recorded from Africa, Australia, New Hebrides, Navigators' Islands, East Indian Islands, Malay.

Genus *Mænas*.

2478. MÆNAS SALAMINIA.

Noctua salaminia, Fabr., Ent. Syst. iii, 2, p. 17, No. 28, (1794).

Phalena (Noctua) salaminia, Cramer, Pap. Exot. ii, pl. 174, fig. A, (1777).

Mænas salaminea (sic), Hübn., Verz. Bek. Schmett, p. 264, No. 2592, (1816).

———— Moore, Trans. Zool. Soc. Lond. 1881, p. 71, pl. 12, figs. 3, 3a, 3b, and pl. 14, fig. 2.

———— Lep. Ceyl. iii, p. 134, pl. 161, figs. 1, 1a, 1b, (1885).

Ophideres salamina, Guén., Noct. iii, p. 115, 1484*.

Ophideres salaminia, Walker, Cat. Lep. Het. B. M., xiii, p. 1225, (1857).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Cachar (Wood-Mason), Sikkim (Barnes; also purchased), Sibsagar (Peal), Calcutta, Khasi Hills (Chennel), Cherra, Sylhet, Nicobar Islands (purchased).

Collection Swinhoe, Solun, Sikkim, Ceylon.

Also recorded from Japan, China, Formosa, Singapore, Java, Australia.

Genus **Rhytia**.2479. **RHYTIA COCALE.**

Phalana (Noctua) cocalus, Cram., Pap. Exot. ii, pl. 134, fig. B, (1777).

Rhytia cocale, Hübn., Verz. Bek. Schmett., p. 264, No. 2593, (1816).

Moore, Trans. Zool. Soc. Lond. 1881, p. 73, pl. 12, figs. 5, 5a, and pl. 14, figs. 5, 5a.

Ophideres cocalus, Guén., Noct. iii, p. 115, 1485*.

Walker, Cat. Lep. Het. B. M. xiii, p. 1225, (1857).

Noctua maculata, Weber, Observ. Ent., p. 111, (1801)*.

Ophideres plana, Walker, loc. cit., xiii, p. 1226, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

I. M., Java.

Collection Swinhoe, Java.

Also recorded from Coromandel and Sylhet.

2480. **RHYTIA HYPERMNESTRA.**

Phalana (Noctua) hypermnestra, Cram., Pap. Exot. iv, pl. 323, figs. A, B, (1780).

Rhytia hypermnestra, Hübn., Verz. Bek. Schmett., p. 261, No. 2595, (1816).

Moore, Trans. Zool. Soc. Lond. 1881, p. 73, pl. 12, fig. 6, and pl. 14, figs. 4, 4a.

Lep. Ceyl. iii, p. 135, pl. 162, figs. 3, 3a, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

Ophideres hypermnestra, Guén., Noct. iii, p. 116, 1486*.

Walker, Cat. Lep. Het. B. M., xiii, p. 1226, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 608.

Butler, Proc. Zool. Soc. Lond. 1881, p. 619.

I. M., Sylhet, Sikkim (purchased), Andaman Islands (purchased), Tavoy (Moti Ram).

Collection Swinhoe, Malabar, Poona, Belgaum, Sikkim, Ceylon.

Also recorded from Canara, Nilgiri Hills, Khasi Hills, Moulmein.

Genus **Khadira**.2481. **KHADIRA AURANTIA.**

Ophideres aurantia, Moore, Proc. Zool. Soc. Lond. 1877, p. 607.

Khadira aurantia, Moore, Trans. Zool. Soc. Lond. 1881, p. 69, pl. 13, fig. 4.

Collection Swinhoe, Andaman Islands.

Genus **Adris**.2482. **ADRIS RUTILUS.**

Adris rutilus, Moore, Trans. Zool. Soc. Lond. 1881, p. 70.

Lep. Ceyl. iii, p. 136, pl. 162, figs. 2, 2a, (1885).

Ceylon.

2483. **ADRIS TYRANNUS.**

Ophideres tyrannus, Guén., Noct. iii, 110, 1476.

Walker, Cat. Lep. Het. B. M., xiii, p. 1224, (1857).

Adris tyrannus, Moore, Trans. Zool. Soc. Lond. 1881, p. 69, pl. 13, fig. 5.

I. M., Sikkim (purchased), Kulu (Young).

Collection Swinhoe, Sikkim.

Also recorded from Simla, Bombay, Shanghai, Japan.

Genus **Purbia**.2484. **PURBIA DISCREPANS.**

Ophideres discrepans, Walker, Cat. Lep. Het. B. M., xiii, p. 1227, (1857).

Ophideres archon, Felder & R., Reise der Novara Lep., pl. 113, fig. 3, (1864-75).

Purbia discrepans, Moore, Trans. Zool. Soc. Lond. 1881, p. 71, pl. 14, fig. 1. I. M., Sibsagar (Peal).

Also recorded from Malabar, Siam, Singapore, Java.

(Genus **Phyllodes**.2485. **PHYLLODES CONSOBRINA.**

Phyllodes consobrina, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 2, (1848).

Walker, Cat. Lep. Het. B. M., p. xiii, 1232, (1857).

Moore, Proc. Zool. Soc. Lond. 1867, p. 68; and 1877, p. 608.

Bombyx conspicillator, Fabr., (nec Cramer), Ent. Syst. iii, p. 412, No. 14, (1793).

Phyllodes perspicillator, Guén., Noct. iii, 120, 149a*.

I. M., Sibsagar (Peal), Sikkim (purchased), Sylhet.

Collection Swinhoe, Sylhet.

Also recorded from the Andaman Islands.

2486. **PHYLLODES FASCIATA.**

Phyllodes fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

I. M., Sikkim (purchased; also Barnes), Sibsagar (Peal).

Collection Swinhoe, Sikkim.

2487. **PHYLLODES MALIGERA.**

Phyllodes maligera, Butler, Ent. Monthly Mag. xx, p. 138, (1883).

Moore, Lep. Ceyl. iii, p. 137, pl. 163, figs. 2, 2a, (1885).

Ceylon.

2488. **PHYLLODES ORNATA.**

Phyllodes ornata, Moore, Desor. Ind. Lep. Atk. ii, p. 166, (1882).

I. M., Cherra, Sikkim (purchased; also Barnes).

Collection Swinhoe, Sikkim.

2489. **PHYLLODES ROSEIGERA.**

Phyllodes roseigera, Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Andaman Islands.

Allied to *P. consobrina*.

2490. PHYLLODES USTULATA.

Phyllodes ustulata, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 1, (1884).

———— Walker, Cat. Lep. Het. B. M., xiii, p. 1233, (1857).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 68.

Phyllodes despicillator, Guén., Noct. iii, p. 122, 1497*.

I. M., Sikkim (purchased; also Barnes).

Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

2491. PHYLLODES VERHUELLII.

Phyllodes verhuellii, Voll., Tijd. voor Ent. i, p. 166, pl. 8*.

———— Moore, Journ. As. Soc. Beng., vol. lv., pt. 2, p. 100, (1886).

I. M., Tavoy (Moti Ram).

Genus *Ischyja*.

2492. ISCHYJA MANLIA.

Phalæna (Noctua) manlia, Cram., Pap. Exot. i, pl. 92, fig. A, (1776).

Noctua manlia, Fabr., Ent. Syst. iii, 2, p. 28, No. 65, (1794).

Ischyja manlia, Hübn., Verz. Bek. Schmett., p. 265, No. 2602, (1816).

———— Moore, Lep. Ceyl. iii, p. 138, pl. 163, figs. 1, 1a, 1b, (1885).

Potamophora manlia, Guén., Noct. iii, p. 123, (1852)*.

———— Walker, Cat. Lep. Het. B. M., xiii, p. 1234, (1857).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 69; 1877, 608; and 1878, p. 848.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Perak (purchased), Sikkim (purchased), Buxa (Moti Ram), Kulu (Young), Tavoy (Moti Ram), Mussoorie (Templeton), Java (DeNiceville).

Collection Swinhoe, Sikkim, Dharmasala, Khandalla, Bombay, Ceylon.

Also recorded from Andaman Islands, Borneo, Philippine Islands, and China.

Genus *Lygniodes*.

2493. LYGNIODES CILIATA.

Lygniodes ciliata, Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

Bengal.

2494. LYGNIODES ENDOLEUCA.

Lygniodes endoleuca, Guén., Noct. iii, 121*.

———— Walker, Cat. Lep. Het. B. M., xiii, p. 1235, (1857).

Java, Mount Ophir.

2495. LYGNIODES HYPOLEUCA.

Lygniodes hypoleuca, Guén., Noct. iii, 125, 1500*.

———— Walker, Cat. Lep. Het. xiii, p. 1236, (1857).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

———— Butler, Ann. N. H. (5) xvi, p. 347, (1885).

I. M., Sylhet, Sibsagar (Peal), Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim (Barnes; also purchased).

Collection Swinhoe, Sylhet, and the Nilgiri Hills.

2496. *LYGNIODES REDUCENS*.

Lygniodes reducens, Walker, Cat. Lep. Het. B. M. xiii, p. 1236, (1857)
Lygniodes disparans, Walker, loc. cit. xv, p. 1817, (1858).
Agonista reducens, Moore, Lep. Ceyl. iii, p. 140, pl. 163, figs. 3, 3a,
 (1885).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

FAMILY EREBIIDÆ.

Genus *Oxyodes*.2497. *OXYODES SCROBICULATA*.

Noctua scrobiculata, Fabr., Sp. Ins. ii, p. 212, No. 14, (1781).
 ———— Mant. Ins. ii, p. 137, No. 18, (1787).
Phalæna (*Noctua*) *scrobiculata*, Gmel., Ed. Syst. Nat. i, 5, p. 2531, 980.*
Phalæna (*Noctua*) *clytia*, Cram., Pap. Exot. iv, pl. 399, fig. G, (1762).
Oxyodes clytia, Guén., Noct. iii, p. 128, 1501.*
 ———— Walker, Cat. Lep. Het. B. M., xiv, p. 1239, (1858).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
Oxyodes scrobiculata, Moore, Lep. Ceyl. iii, p. 141, pl. 164, fig. 1, (1885).
 Collection Swinhoe, Sylhet, Ceylon.

Genus *Sypna*.2498. *SYRNA ALBILINEA*.

Sypna albilinea, Walker, Cat. Lep. Het. B. M., xiv, p. 1261, (1858).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.
 ———— Butler, Trans. Ent. Soc. Lond. 1881, p. 209.
 ———— Ill. Typ. Lep. Het. vi, p. 44, pl. 112, fig. 1, (1886).
 Sylhet.

2499. *SYRNA ALBOVITTATA*.

Sypna albiovittata, Moore, Descr. Ind. Lep. Atk. ii, p. 165, pl. 5, fig. 26,
 (1882).
 Sikkim.
 Allied to *S. tenebrosa*.

2500. *SYRNA APICALIS*.

Sypna apicalis, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.
 ———— Ill. Typ. Lep. Het. vi, p. 42, pl. 111, fig. 6, (1886).
 ———— Moore, Journ. As. Soc. Beng. vol. lv, pt. 2, p. 100, (1886).
 I M., Tavoy (Moti Ram).
 Also recorded from Sikkim.

2501. *SYRNA BIOCULARIS*.

Tavia biocularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 71.
Sypna biocularis, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.
 Collection Swinhoe, Sikkim, Nilgiri Hills.
 Closely allied to *S. caliginosa*.

2502. *SYPNA BRUNNEA*.

Sypna brunnea, Moore, Deser. Ind. Lep. Atk. ii, p. 167, (1882).
 ————— Waterhouse, Aid. II, pl. 159, fig. 3.*

Collection Swinhoe, Solun.

Also recorded from Sikkim.

Allied to *S. cyanivitta*.

2503. *SYPNA CALIGINOSA*.

Tavia caliginosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 240, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 70.

Sypna caliginosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.

Sikkim.

2504. *SYPNA CATOCALOIDES*.

Tavia catocaloides, Moore, Proc. Zool. Soc. Lond. 1867, p. 71, pl. 7, fig. .

Sypna catocaloides, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

2505. *SYPNA CÆLISPARS*.

Sypna cælisparis, Walker, Cat. Lep. Het. B. M., xiv, p. 1362, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 69.

————— Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

————— Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 4,
 (1886).

Assam.

2506. *SYPNA CONSTELLATA*.

Sypna constellata, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

————— Waterhouse, Aid. II, pl. 159, fig. 1, (1885).*

Collection Swinhoe, Dharmasala.

2507. *SYPNA CURVILINEA*.

Sypna curvilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 69, pl. 6, fig. 4.

————— Butler, Trans. Ent. Soc. Lond. 1881, p. 208.

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

2508. *SYPNA CYANIVITTA*.

Sypna cyanivitta, Moore, Proc. Zool. Soc. Lond. 1867, p. 70.

————— Butler, Trans. Ent. Soc. Lond. 1881, p. 209.

————— Proc. Zool. Soc. Lond. 1883, p. 164.

————— Waterhouse, Aid. ii, 159, fig. 4, (1885).*

Sikkim, Solun.

2509. *SYPNA DUBITARIA.*

Tavia dubitaria, Walker, Cat. Lep. Het. B. M., xxxiii, p. 208, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 70.

Sypna dubitaria, Butler, Trans. Ent. Soc. Lond. 1881, p. 208.

I. M., Kulu (Young), Sikkim.

Collection Swinhoe, Kasauli, Sikkim.

2510. *SYPNA FLOCCOSA.*

Sypna floccosa, Moore, Descr. Ind. Lep. Atk. ii, p. 167, pl. 5, fig. 23, (1882).

Sikkim.

Allied to *S. replicata*.

2511. *SYPNA FRATERNA.*

Sypna fraterna, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.

Sikkim.

Allied to *S. curvilinea*.

2512. *SYPNA KIRBYI.*

Sypna kirbyi, Butler, Trans. Ent. Soc. Lond. 1881, p. 209.

Waterhouse, Aid. ii, pl. 159, fig. 5, (1885).*

I. M., Sikkim (purchased), Kulu (Young).

Collection Swinhoe, Sikkim.

2513. *SYPNA LUCILLA.*

Sypna lucilla, Butler, Trans. Ent. Soc. Lond. 1881, p. 206.

Ill. Typ. Lep. Het. vi, p. 43, pl. 111, fig. 8, (1886).

Sikkim.

2514. *SYPNA MOOREI.*

Sypna moorei, Butler, Trans. Ent. Soc. Lond. 1881, p. 209.

Ill. Typ. Lep. Het. vi, p. 44, pl. 112, fig. 2, (1886).

I. M., Sikkim (Barnes; also purchased).

Collection Swinhoe, Assam.

Also recorded from Shillong.

Allied to *S. rectilinea*.

2515. *SYPNA MORMOIDES.*

Sypna mormoides Butler, Trans. Ent. Soc. Lond. 1881, p. 202.

Ill. Typ. Lep. Het. vi, p. 40, pl. 111, fig. 2, (1886).

Sikkim.

2516. *SYPNA OBSCURATA.*

Sypna obscurata, Butler, Trans. Ent. Soc. Lond. 1881, p. 207.

Ill. Typ. Lep. Het. vi, p. 43, pl. 111, fig. 9, (1886).

Collection Swinhoe, Sikkim.

Also recorded from Shillong.

2517. *SYPNA OMICRONIGERA*.

Sypna omicronigera, Guén., Noct. iii, p. 145, No. 1530, (1852).
Walker, Cat. Lep. Het. B. M., xiv, p. 1260, (1858).
Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

Shillong, Sikkim, Central India.

2518. *SYPNA PANNOSA*.

Sypna pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 168, pl. 5, fig. 1.
 (1882).

I. M., Kulu (Young).

Collection Swinhoe, Solun.

Also recorded from the Khasi Hills.

2519. *SYPNA PLANA*.

Sypna plana, Moore, Descr. Ind. Lep. Atk. ii, p. 167, pl. 5, fig. 24,
 (1882).

I. M., Sibsagar (Peal).

Collection Swinhoe, Sikkim.

Also recorded from Cherrapunji.

2520. *SYPNA PRUNOSA*.

Sypna prunosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.
Waterhouse, Aid. ii, pl. 159, fig. 6, (1885).*

Sikkim.

Allied to *S. moorei*.

2521. *SYPNA PULCHRA*.

Sypna pulchra, Butler, Trans. Ent. Soc. Lond. 1881, p. 208.
Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 5, (1886)

Sikkim.

2522. *SYPNA PUNCTOSA*.

Tavia punctosa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 939, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 70.

Sypna punctosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 205.
Proc. Zool. Soc. Lond. 1883, p. 164.

Shillong, Solun.

2523. *SYPNA RECTILINEA*.

Sypna rectilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 70.

Butler, Trans. Ent. Soc. Lond. 1881, p. 209.

Tavia albilinea, Walker, Cat. Lep. Het. B. M. xxxiii, p. 940, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

Collection Swinhoe, Dharmasala.

Also recorded from Sikkim.

2524. *SYPNA RENISIGNA*.

Sypna renisigna, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.
Waterhouse, Aid. ii, pl. 160, fig. 4, (1885).*

Khasi Hills.

2525. *SYPNA REPLICATA*.

Elpia replicata, Felder & R. Reise, Novara Lep., pl. 117, fig. 25, (1864-75).
Sypna replicata, Moore, Descr. Ind. Lep. Atk. ii, p. 167, (1882).

Sikkim.

2526. *SYPNA RUBRIFASCIA*.

Sypna rubrifascia, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

Sikkim.

2527. *SYPNA SUBMARGINATA*.

Tavia submarginata, Walker, Cat. Lep. Het. B. M. xxxiii, p. 941, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

Sypna submarginata, Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

I. M., Sikkim (Barnes).

Collection Swinhoe, Simla, Sikkim.

2528. *SYPNA TENEBROSA*.

Sypna tenebrosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 203.

Ill. Typ. Lep. Het. vi, p. 42, pl. 111, fig. 7, (1886).

Sikkim.

2529. *SYPNA UMBROSA*.

Sypna umbrosa, Butler, Trans. Ent. Soc. Lond. 1881, p. 204.

Ill. Typ. Lep. Het. vi, p. 41, pl. 111, fig. 3, (1886).

Shillong.

Genus *Anisoneura*.2530. *ANISONEURA HYPOCYANA*.

Anisoneura hypocyana, Guén., Noct. iii, 162, 1553.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1286, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

I. M., Sikkim (Barnes; also purchased), Shillong, Cachar, Khasi Hills (purchased).

Collection Swinhoe, Solun, Sikkim.

Also recorded from Sylhet.

2531. *ANISONEURA SALEBROSA*.

Anisoneura salebrosa, Guén., Noct. iii, 161, 1552.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1285, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

Collection Swinhoe, Poona, Sylhet.

FAMILY OMMATOPHORIDÆ.

Genus *Patula*.2532. *PATULA BCOPIS*.

- Patula boopis*, Guén., Noct. iii, 178, 1560.*
 ——— Walker, Cat. Lep. Het. B. M., xiv, p. 1301, (1858).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

Sylhet.

Closely allied to *P. macrops*.

2533. *PATULA MACROPS*.

- Phalæna (attacus) macrops*, Linn., Syst. Nat., 12th ed., iii, p. 225, (1768).*
 ——— Cram., Pap. Exot. ii, p. 114, pl. 171, figs. A, B, (1777).
Noctua bubo, Fabr., Sp. Ins. ii, p. 209, No. 3, (1781).
 ——— Mant. Ins. ii, p. 135, No. 3, (1787).
 ——— Ent. Syst. iii, 2, p. 9, No. 4, (1794).
Erebos macrops, Donov., Ins. China, p. 80, pl. 44, fig. 1, (1842).
 ——— Sulzer, Ins., p. 160, pl. 22, fig. 2.*
Argioa macrops, Hübn., Verz. Bek. Schmett., p. 272, No. 2679, (1816).
Erebos bubo, Boisd., Faune Ent. Mad. Lep., 110, 1.*
Patula macrops, Guén., Noct. iii, p. 177, 1564.*
 ——— Walker, Cat. Lep. Het. B. M., xiv, p. 1300, (1858).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
 ——— Journ. As. Soc. Bengal, vol. iv, pt. 2, p. 100, (1886).
 ——— Lep. Ceyl. iii, p. 145, pl. 164, fig. 5, (1885).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Tavoy (Moti Ram), Shillong, Sylhet, Buxa (Moti Ram), Darbhanga (Maries), Sibsagar (Peal), Khasi Hills, Sikkim (Barnes).

Collection Swinhoe, Kasauli, Deesa, Nilgiri Hills, Sikkim, Mhow, Bombay, Sholapore, Karachi.

Also recorded from Ceylon, Madagascar, South Africa.

Genus *Argiva*.2534. *ARGIVA CAPRIMULGUS*.

- Noctua caprimulgus*, Fabr., Sp. Ins. ii, 210, No. 6, (1781).
 ——— Mant. Ins. ii, 135, No. 6, (1787).
 ——— Ent. Syst. iii, 2, p. 10, No. 7, (1794).
Phalæna caprimulgus, Gmel., Ed. Syst. Nat. i, 5, 2529, 965.*
Argiva crepuscularis, Guén., Noct. iii, 180, 1571.*
Argiva caprimulgus, Walker, Cat. Lep. Het., xiv, p. 1302 (1858).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.
 ——— Proc. Zool. Lond. 1878, p. 848.
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Sikkim (Barnes), Sibsagar (Peal), Buxa (Moti Ram).

Collection Swinhoe, Sikkim, Khandalla, Nilgiri Hills.

Also recorded from Upper Tenasserim and Sylhet.

2535. *ARGIVA HIEROGLYPHICA*.

- Phalæna (Noctua) hieroglyphica*, Drury, Ins. Exot. ii, p. 3, pl. ii, fig. 1, (1773).
Noctua hieroglyphica, Fabr., Ent. Syst. iii, 2, p. 11, No. 10, (1794).

ARGIVA HIEROGLYPHICA—continued.

Phalæna (Noctua) mygdonia, Cram., Pap. Exot. ii, pl. 174, fig. F (1777).

Phalæna (Noctua) hermonia, Cram., loc. cit., pl. 174, fig. E, (1777).

Noctua ulula, Fabr., Sp. Ins. ii, p. 211, No. 9, (1781).

————— Mant. Ins. ii, p. 136, No. 9, (1787).

————— Ent. Syst. iii, 2, p. 11, No. 11, (1794).

Erebus hieroglyphicus, Westw., Ed. Drury ii, 3, pl. 2, fig. 1.*

————— Donovan, Ins. Ind., p. 85, pl. 54, fig. 3, (1838).

Erebus hermonia, Boisd., Faune Ent. Madag. Lep. iii, 4.*

Argiva hermonia, Hübn., Verz. Bek. Schmett., p. 272, No. 2678, (1816).

Argiva hieroglyphica, Hübn., loc. cit., p. 272, No. 2677, (1816).

————— Guén., Noct. iii, p. 179, 1570.*

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1302, (1853).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 72; 1877, p. 608; and 1878, p. 843.

————— Lep. Ceyl. iii, p. 146, pl. 165, figs. 22a., (1885).

————— Butler, Proc. Zool. Soc. Lond. 1881, p. 619.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Mergui (Anderson), Sylhet, Buxa (Moti Ram), Sikkim (Barnes), Calcutta (Baxter), Ceylon (Mackwood), Tavoy (Moti Ram), Sibsaagar, Khasi Hills.

Collection Swinhoe, Pegu, Sikkim, Deesa, Bombay, Belgaum, Nilgiri Hills.

Also recorded from Andaman Islands and Madagascar.

2536. ARGIVA STRIGIPENNIS.

Argiva strigipennis, Moore, Proc. Zool. Soc. Lond. 1883, p. 25.

Khasi Hills.

Allied to *A. hieroglyphica*.

Genus *Nyctipao*.

2537. NYCTIPAO ALBICINCTA.

Erebus albicinctus, Kollar, Hüg. Kasch. iv, p. 474, pl. 22, (1848).

Erebus rivularis, Westw., Cab. Or. Ent., p. 57, pl. 28, fig. 3, (1848).

Nyctipao rivularis, Guén., Noct. iii, 182, (1573).*

Nyctipao albicincta, Walker, Cat. Lep. Het. B. M., xiv p. 1304, (1858).

I. M., Sikkim, Khasi Hills (Chennel), Cherra, Shillong.

Collection Swinhoe, Solun, Nilgiri Hills.

Also recorded from Sylhet.

2538. NYCTIPAO CONTURBANS.

Nyctipao conturbans, Walker, Cat. Lep. Het. B. M., xiv, p. 1308, (1858).

India.

2539. NYCTIPAO CREPUSCULARIS.

Phalæna crepuscularis, Linn., Syst. Nat. x, p. 509.*

Phalæna (Noctua) crepuscularis, Linn., Mus. Lud. Ulr., p. 378, No. 13, (1764).

————— Drury, Exot. Ins. i, p. 39, pl. 20, figs. 1, 2, (1770).

————— Cram., Pap. Exot. ii, pl. 159, fig. A, (1777).

NYCTIPAO CREPUSCULARIS—*continued*.

Phalana (Noctua) crepuscularis, Clerck, Icones, pl. 53, (1759).

Noctua crepuscularis, Fabr., Sp. Ins. ii, p. 211, No. 11, (1781).

_____ Mant. Ins. ii, p. 136, No. 12, (1787).

_____ Ent. Syst. iii, 2, p. 13, No. 17, (1794).

Nyctipao ephesperis, Hübn., Verz. Bek. Schmett., p. 272, No. 2675, (1816).

Erebus crepuscularis, Boisd., Faun. Ent. Madag. iii, 2.*

_____ Duncan, Exot. Moths. p. 196, pl. 25, fig. 1.*

_____ Koll. Hügel, Kaschmir, vol. iv, p. 475, (1848).

_____ Westw., Ed. Drury i, 37, pl. 20, figs. 1, 2.*

_____ Nat. Libr. xxxvii, Exot. Moths, p. 196,
pl. 25, fig. 1.*

Nyctipao crepuscularis, Walker, Cat. Lep. Het. B. M., xiv, p. 1304, (1858).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 72; 1877,
p. 608; and 1878, p. 849.

_____ Guén., Noct. iii, p. 182.*

_____ Moore, Lep. Ceyl. iii, p. 148, pl. 165, figs. 1, 1a, (1885).

_____ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

Nyctipao latitia, Butler, Ill. Typ. Lep. Het. iii, p. 26, pl. 47, fig. 9, (1879).

_____ Ann. Mag. Nat. Hist. (5) v, p. 225, (1880).

1. M., Java (De Niceville), Belgaum (Swinhoe), Simla, Cherra,
Sikkim (purchased), Tavoy (Moti Ram), Sylhet, Cachar
(Wood-Mason), Kulu (Young), Mergui (Anderson), Sibsaagar
(Peal), Andaman Islands (purchased).

Collection Swinhoe, Belgaum, Sikkim, Kasauli, Simla, Nilgiri
Hills.

Also recorded from Ceylon, Madagascar, Java, and Japan.

2540. NYCTIPAO EXTERIOR.

Nyctipao exterior, Walker, Cat. Lep. Het. B. M., xiv, p. 1306, (1858).

_____ Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 3, (1886).

_____ Journ. As. Soc. Bengal, vol. lv, pt. 2, p. 100,
(1886).

Nyctipao obliterationa, Walker, loc. cit., p. 1307, (1858).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

I. M., Cachar (Wood-Mason), Sylhet, Buxa (Moti Ram), Sibsaagar
(Peal), Tavoy (Moti Ram), Sikkim (Barnes; also purchased).

Collection (Swinhoe), Sylhet, Nilgiri Hills.

Also recorded from Tenasserim.

2541. NYCTIPAO GEMMANS.

Nyctipao gemmans, Guén., Noct. iii, 182, 1572.*

_____ Walker, Cat. Lep. Het. B. M., xiv, p. 1304, (1858).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

Sylhet.

2542. NYCTIPAO GLAUCOPIS.

Nyctipao glaucopia, Walker, Cat. Lep. Het. B. M., xiv, p. 1306, (1858).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

_____ Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 4,
(1886).

I. M., Sikkim (Barnes), Mussoorie (Templeton), Cherra.

Collection Swinhoe, Solun.

Also recorded from Sylhet.

2543. NYCTIPAO PRUNOSA.

Nyctipao prunosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.
 North-Western Himalayas.
 Allied to *N. glaucipis*.

2544. NYCTIPAO TRUNCATA.

Nyctipao truncata, Moore, Proc. Zool. Soc. Lond. 1877, p. 608.
 Andaman Islands.

Genus *Ommatophora*.

2545. OMMATOPHORA LUMINOSA.

Phalæna luminosa, Cram., Pap. Exot. iii, pl. 274, fig. D., (1780).
Speiredonia luminosa, Hubn., Verz. Bök. Schmett. p. 272, No. 2686, (1816).
Ommatophora luminosa, Guén., Noct. iii, 190, 1886.*
 ——— Walker, Cat. Lep. Het. B. M., xiv, p. 1313, (1858).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

I. M., Sylhet, Sibsagar (Peal), Sikkim (purchased).
 Collection Swinhoe, Sikkim.
 Also recorded from Java and the Philippine Islands.

Genus *Entomogramma*.

2546. ENTOMOGRAMMA ANTICA.

Remigia antica, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1016, (1865).
 Collection Swinhoe, India.
 Recorded from South India.

2547. ENTOMOGRAMMA DECORA.

Remigia decora, Walker, Cat. Lep. Het. B. M. xxxiii, p. 1015, (1865).
 Collection Swinhoe, Nilgiri Hills.

2548. ENTOMOGRAMMA FAUTRIX.

Entomogramma fautrix, Guén., Noct. iii, (vii P) 204, ♂, 1804.*
 ——— Walker, Cat. Lep. Het. B. M., xiv, p. 1331, (1858).
 ——— Felder & R. Reise, Novara Lep., pl. 115, fig. 5,
 (1864-75).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 73; 1877,
 p. 609; and 1878, p. 849.

I. M., Sibsagar, Sikkim (purchased), Andaman Islands (purchased), Buxa (Moti Ram).
 Collection Swinhoe, Sikkim, Andaman Islands, Nilgiri Hills.
 Also recorded from Ceylon, Upper Tenasserim, and Java.

2549. ENTOMOGRAMMA POSTSTRIGARIA.

Entomogramma poststrigaria, Walker, Cat. Lep. Het. B. M., xxxiii, p. 949, (1865).
 ——— Moore, Lep. Ceyl. iii, p. 153, (1885).

Ceylon.

2550. ENTOMOGRAMMA TORSÆ.

Entomogramma torsæ, Guén., Noct. iii, p. 204, (1852)*.

———— Walker, Cat. Lep. Het. B. M. xiv, p. 1331, (1858).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462; and 1886, p. 419.

Entomogramma squamicornis, Felder & R. Reise, Novara Lep. iv, pl. 115, fig. 3, (1864-75).

Turamina torsæ, Moore, Lep. Ceyl. iii, p. 153, pl. 166, fig. 2, (1885).

Collection Swinhoe, Mhow, Bombay, Poona.

Also recorded from Ceylon and Java.

Genus *HOMÆA*.

2551. HOMÆA CLATHRUM.

Homæa clathrum, Guén., Noct. iii, 207, 1607*.

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1334, (1858).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462; and 1886, p. 449.

Collection Swinhoe, Bombay, Mhow.

Also recorded from Nepal.

Genus *SPEIREDONIA*.

2552. SPEIREDONIA FEDUCIA.

Phalæna (Noctua) feducia, Stoll. Cram. Pap. Exot. Suppl., pl. 36, fig. 3, (1790).

Speiredonia feducia, Hübn., Verz. Bek. Schmett., p. 272, No. 2635, (1816).

———— Guén., Noct. iii, p. 171*.

———— Walker, Cat. Lep. Het. B. M. xiv, p. 1292, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 71.

———— Lep. Ceyl. iii, p. 143, pl. 164, fig. 2, (1885).

Sylhet, Ceylon.

2553. SPEIREDONIA RETRAHENS.

Speiredonia retrahens, Walker, Cat. Lep. Het. B. M., xiv, p. 1294, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72; and 1877, p. 608.

———— Lep. Ceyl. iii, p. 142, pl. 164, figs. 4 & 6, (1885).

Sericia parvipennis, Walker, loc. cit., p. 1297, (1858).

Ommatophora albifuscia, Walker, loc. cit., xxxiii, p. 947, (1865).

Speiredonia conspicua, Felder & R. Reise, Novara Lep., pl. 113, fig. 7, (1864-75).

———— Moore, Proc. Zool. Soc. Lond. 1877, p. 608.

Speiredonia retrahens, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Calcutta (De Niceville).

Collection Swinhoe, Poona, Ceylon.

Also recorded from the Andaman Islands, and Java.

2554. SPEIREDONIA ZAMIS.

Phalæna (Noctua) zamis, Stoll.-Cram., Pap. Exot. 162, pl. 36, fig. 11, (1790).

Speiredonia zamis, Guén., Noct. iii, p. 171, 1561*.

———— Walker, Cat. Lep. Het. xiv, p. 1293, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

———— Lep. Ceyl. iii, p. 143, pl. 164, fig. 3, (1885).

Tranquebar, Sylhet, Ceylon.

Genus *Sericia*.2555. *SERICIA* ANOPS.*Sericia anops*, Guén., Noct. iii, p. 173, 1564, (1852)*.

Walker, Cat. Lep. Het. B. M. xiv, p. 1296 (1858).

Moore, Lep. Ceyl. iii, p. 144, pl. 164, fig. 7, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 462.

I. M., Ceylon (Colombo Museum), Andaman Islands (purchased).

Collection Swinhoe, Khandalla, Belgaum.

Also recorded from Australia.

2556. *SERICIA* CALAMISTRATA.*Sericia calamistrata*, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.

Andaman Islands.

Allied to *S. substruens*, Walk.2557. *SERICIA* SUBSTRUENS.*Tavia substruens*, Walker, Cat. Lep. Het. B. M., xiv. 3. p. 1276, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 70; and 1877, p. 608.

I. M., Cachar (Wood-Mason), Nicobar Islands (DeNiceville), Sind (Karachi Museum), Sikkim (purchased), Andaman Islands (purchased).

Collection Swinhoe, Sylhet.

FAMILY HYPOPYRIDÆ.

Genus *Spiramia*.2558. *SPIRAMIA* COHERENS.*Spiramia cohærens*, Walker, Cat. Lep. Het. B. M. xiv, p. 1321, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 72; and 1877, p. 608.

Lep. Ceyl. iii, p. 149, pl. 165, figs. 3, 3a, (1885).

Collection Swinhoe, Solun, Sikkim, Nilgiri Hills, Ceylon.

Also recorded from the Andaman Islands.

2559. *SPIRAMIA* HELICINA.*Speiredonia helicina*, Hübn., Zütr. Samml. Exot. Schmett iii, 14, 219, figs. 437-38, (1825)*.*Spiramia helicina*, Guén., Noct. iii, p. 197, 1594, (1852)*.

Moore, Lep. Ceyl. iii, p. 150, pl. 165, figs. 4, 4a, (1885).

Proc. Zool. Soc. Lond. 1867, p. 72; and 1878, p. 849.

Walker, Cat. Lep. Het., xiv, p. 1320, (1858).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463; and 1886, p. 450.

I. M., Sibsagar, Buxa (Moti Ram), Ceylon (Colombo Museum), Shillong, Naga Hills, Kulu (Young), Simla, Cachar (Wood-Mason), Ranchi (Irvine), Mussoorie (Templeton).

Collection Swinhoe, Poona, Bombay, Belgaum, Satara, Mhow.

2560. *SPIRAMIA MODESTA*.

Spirama modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 168, (1882).

Sylhet, Sikkim.

Allied to *S. (Hypopyra) mollis* of Java.

2561. *SPIRAMIA RETORTA*.

Phalæna retorta, Linn., Mus. Lud. Ulr. ii.

Clereck, Icon. ii, pl. 64, fig. 2, (1759).

Cram., Pap. Exot. ii, pl. 116, fig. D, (1777); and iii, pl. 274, fig. A, (1780).

Noctua spiralis, Fabr., Sp. Ins. ii, p. 211, No. 10, (1781).

Mant. Ins. ii, p. 136, No. 11, (1787).

Phalæna spiralis, Gmel., Ed. Syst. Nat. i, 5, 2530, 973*.

Speiredonia retorta, Hübn., Verz. Bek. Schmett., p. 272, No. 2682, (1816).

Erebus retorta, Koll., Hüg. Kasch. iv, p. 475, (1848).

Speiramia suffumosa, Guén., Noct. iii, p. 195, 1590*.

Spirama remota, Felder, Sitzb. Akad. Wiss. Wien, M. N. Cl. B, 43, p. 43, No. 104* (?).

var. (?) *Erebus chimista*, Koll., Hüg. Kaschmir, iv, p. 475, (1848).

Speiramia retorta, Guén., Noct. iii, p. 198, 1593*.

Walker, Cat. Lep. Het., xiv, p. 1319, (1858).

Spirama retorta, Aurivillius, Kongl. Sv. Vet. Akad. Handl., vol. 19, (5), p. 153, (1882).

Butler, Ann. Mag. N. H. (5), xvi, p. 347, (1885).

Collection Swinhoe, North India.

Also recorded from Hongkong.

2562. *SPIRAMIA TRILOBA*.

Spiramia triloba, Guén., Noct. iii, 197, 1595*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1321, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 72.

Hypopyra mollis, Guén., loc. cit., p. 198*.

Java, Ceylon, Sylhet.

Genus *Hypopyra*.2563. *HYPOPYRA DISTANS*.

Hypopyra distans, Moore, Descr. Ind. Lep. Atk. ii, p. 169, (1882).

Bombay.

2564. *HYPOPYRA FENISECA*.

Hypopyra feniseca, Guén., Noct. iii, 200, 1599*.

Walker, Cat. Lep. Het. B. M. xiv, p. 1327, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Collection Swinhoe, Solun.

Also recorded from Sylhet.

2565. *HYPOPYRA OSSIGERA*.

Hypopyra ossigera, Guén., Noct. iii, 201, 1600*.

Walker, Cat. Lep. Het. B. M. xiv, p. 1327, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Sibsagar, Sikkim (purchased), Buxa (Moti Ram).

Collection Swinhoe, Sikkim.

2566. *HYPOPYRA PALLIDA*.

Hypopyra pallida, Moore, Proc. Zool. Soc. Lond. 1883, p. 26.
 Lep. Ceyl. iii, p. 151, pl. 166, figs. 1, 1a, (1885).

I. M., Ceylon (Colombo Museum).

Allied to *H. vespertilio*.

2567. *HYPOPYRA PANDIA*.

Hypopyra pandia, Felder & R. Reise, Novara, pl. 115, fig. 12, (1864-75).
 India.

2568. *HYPOPYRA PERSIMILIS*.

Hypopyra persimilis, Moore, Proc. Zool. Soc. Lond. 1877, p. 608.

Andaman Islands.

Allied to *H. ossigera*.

2569. *HYPOPYRA PUDENS*.

Hypopyra pudens, Walker, Cat. Lep. Het. B. M., xiv, p. 1329, (1858).

India.

2570. *HYPOPYRA SHIVA*.

Hypopyra shiva, Guén., Noct. iii, 199, 1597*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1326, (1858).

Collection Swinhoe, Sikkim.

2571. *HYPOPYRA UNISTRIGATA*.

Hypopyra unistrigata, Guén., Noct. iii, 201, 1601*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1327, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Mazula idonea, Walker, loc. cit., and xxxiii, p. 1096, (1865).

Angerona poeusaria, Walker, loc. cit., xx, p. 243, (1860).

I. M., Sibsagar, Sylhet, Sikkim.

Collection Swinhoe, Sylhet.

2572. *HYPOPYRA VESPERTILIO*.

Noctua vespertilio, Fabr., Mant. Ins. ii, p. 136, No. 16, (1787).

Ent. Syst. iii, 2, p. 15, No. 23, (1794).

Phalena vespertilio, Gmel., Ed. Syst. Nat. i, 5, 2531, 977*.

Hypopyra vespertilio, Guén., Noct. iii, 199, 1598*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1326, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Sikkim (purchased; also Barnes), Andaman Islands (purchased), Buxa (Moti Ram), Sibsagar (Peal), Kulu (Young).

Collection Swinhoe, Solun, Poona, Sikkim, Nilgiri Hills.

Also recorded from Tranquebar, Ceylon, and China.

Genus *Cyclodes*.2573. *CYCLODES OMMA*.

Noctua omma, Van der v. Høeven, Descr. de Lep. Nouv. v, pl. 7, figs. a, b*.

Erebus omma, Van der v. Høeven, Tijd. Voor. Nat. Gesch. vii, p. 281, pl. 7, figs. 7, a, b, (1840).*

Cyclodes omma, Guén., Noct. iii, p. 27, 1353, (1852)*.

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1085, (1858).

———— Moore, Lep. Ceyl. iii, p. 162, pl. 160, fig. 7, (1885).

Beregra replenens, Walker, loc. cit. xiv, p. 1315, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Sibsagar (Peal), Sikkim (purchased).

Collection Swinhoe, Sibsagar.

Also recorded from Sylhet, Ceylon, and Java.

Genus *Ortospana*.2574. *ORTOSPANA CONNECTENS*.

Ortospana connectens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 950, (1865).

———— Moore, Lep. Ceyl. iii, p. 154, (1885).

Ceylon.

FAMILY BENDIDÆ.

Genus *Hulodes*.2575. *HULODES CARANEA*.

Phalæna (Noctua) caranea, Cram., Pap. Exot. iii, pl. 269, figs. E, F, (1780).

Bendis caranea, Hübn., Verz. Bek. Schmett., p. 269, No. 2650, (1816).

Hulodes caranea, Guén., Noct. iii, p. 208, 1608*.

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1335, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

———— Lep. Ceyl. iii, p. 155, pl. 106, figs. 3, 3a, and pl. 167, fig. 6, (1885).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Cachar (Wood-Mason), Shillong, Sibsagar (Peal), Sikkim (purchased), Kulu (Young), Buxa (Moti Ram).

Collection Swinhoe, Satara, Poona, Bombay, Nilgiri Hills, Ceylon.

Also recorded from Java.

2576. *HULODES RESTORANS*.

Hypopyra restorans, Walker, Cat. Lep. Het. B. M., xiv, p. 1328, (1858).

Hulodes (P) drylla, Guén., Noct. iii, p. 209, pl. 24, fig. 10*.

Hulodes restorans (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

I. M., Ranchi (Irvine), Manbhum (Beavan), Calcutta, Perak (purchased).

Collection Swinhoe, Sylhet.

2577. *HULODES SATURNIOIDES*.*Hulodes saturnioides*, Guén., Noct. iii, 209, 1610*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1336, (1858).

India.

Genus *Hamodes*.2578. *HAMODES ATTACICOLA*.*Ophiisma attaccicola*, Walker, Cat. Lep. Het. B. M., xiv, p. 1383, (1858).*Hamodes attaccicola*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

Collection Swinhoe, Jacobabad (Siud), Bombay.

2579. *HAMODES AURANTIACA*.*Hamodes aurantiaca*, Guén., Noct. iii, 203, 1603*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1330, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520.

Sylhet, Karachi.

2580. *HAMODES DISCISTRIGA*.*Hypernaria discistriga*, Moore, Proc. Zool. Soc. Lond. 1867, p. 78.*Hamodes discistriga*, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 463.

I. M., Sibsagar (Peal), Sikkim (purchased), Ranchi (Irvine).

Collection Swinhoe, Bombay.

Also recorded from the Andaman Islands.

2581. *HAMODES MARGINATA*.*Hamodes marginata*, Moore, Descr. Ind. Lep. Atk. ii, p. 169, (1882).

Sikkim.

FAMILY OPHIUSIDÆ.

Genus *Melipotis*.2582. *MELIPOTIS COSTIPANNOSA*.*Melipotis costipannosa*, Moore, Descr. Ind. Lep. Atk. ii, p. 166, pl. 5, fig. 8, (1882).

Sikkim.

2583. *MELIPOTIS CYLLARIA*.*Phalana (Nortua) cyllaria*, Cram., Pap. Exot. iii, pl. 251, figs. C, D, (1779).*Melipotis cyllaris*, (sic), Hübn., Verz. Bek. Schmett., p. 260, No. 2558, (1816).*Melipotis cyllaria*, Moore, Lep. Ceyl. iii, p. 115, pl. 157, fig. 3, (1885).*Achæa cyllaria*, Guén., Noct. iii, p. 249, 1670*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).

Ercheia cyllaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

I. M., Sikkim (purchased), Sibsagar (Peal), Andaman Islands (purchased).

Collection Swinhoe, Nilgiri Hills, Poona, Bombay.

Also recorded from Coromandel, Ceylon.

2584. *MELIPOTIS CYLLOTA*.

Achæa cyllota, Guén., Noct. iii, p. 248, 1669, (1852)*.

Achæa signivitta, Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).

Achæa signivitta, Walker, *loc. cit.* xiv, p. 1398, (1858).

Melipotis cyllota, Moore, Lep. Ceyl. iii, p. 115, pl. 157, fig. 2, (1885).

Ercheia cyllota, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Bombay.

Also recorded from Ceylon, Borneo.

2585. *MELIPOTIS DIVERSIPENNIS*.

Ercheia diversipennis, Walker, Cat. Lep. Het. B. M., xiii, p. 1108, (1857).

Ercheia diversipennis, Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 412.

Melipotis ambidens, Felder & R. Reise, Novara Lep. iv, pl. 116, fig. 9, (1864—75).

Melipotis diversipennis, Moore, Lep. Ceyl. iii, p. 116, pl. 157, fig. 1, (1885).

Ceylon, Mhow.

2586. *MELIPOTIS FUSIFERA*.

Achæa fusifera, Walker, Cat. Lep. Het. B. M., xiv, p. 1398, (1858).

Melipotis fusifera, Moore, Lep. Ceyl. iii, p. 116, (1885).

Ceylon, Sumatra.

2587. *MELIPOTIS PANNOSA*.

Erchera pannosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

Melipotis pannosa, Moore, Lep. Ceyl. iii, p. 116, pl. 157, fig. 4, (1885).

Ceylon, South India.

Allied to *E. costipannosa*.

2588. *MELIPOTIS STRIGIPENNIS*.

Melipotis strigipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 165, (1882).

Sikkim.

Allied to *M. (Ercheia) umbrosa*, of Japan.

2589. *MELIPOTIS TENEBROSA*.

Ercheia tenebrosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 66; and 1877, p. 606.

Bengal, Andaman Islands.

2590. *MELIPOTIS UNIFORMIS*.

Ercheia uniformis, Moore, Proc. Zool. Soc. Lond. 1883, p. 24.

South India.

2591. *MELIPOTIS ZURA*.

Ercheia zura, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.

Collection Swinhoe, Bombay.

2592. MELIPOTIS ZYGIA.

Ercheia zygia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 465.
Collection Swinhoe, Poona.

Genus **Sphingomorpha**.

2593. SPHINGOMORPHA CHLOREA.

Phalæna (Noctua) chlorea, Cram., Pap. Exot. ii, pl. 104, fig. C, (1777).
Sphingomorpha chlorea, Guén., Noct. iii, p. 222, 1626, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1345, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
———— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 414,
pl. 15, figs. 7, 7a.
———— Moore, Lep. Ceyl. iii, p. 157, pl. 167, fig. 4,
(1885).
———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464, and
1886, p. 450.
Sphingomorpha sipyla, Guén., Noct. iii, p. 222, 1627, pl. 21, fig. 4, (1852)*.
I. M., False Point (Baxter), Sikkim (purchased).
Collection Swinhoe, Mhow, Assingarh, Nilgiri Hills, Poona.
- Also recorded from Sylhet, Ceylon, and Africa.

Genus **Iontha**.

2594. IONTHA UMBRINA.

Iontha umbrina, Doubleday, Entomologist. 298*.
———— Walker, Cat. Lep. Het. B. M., xiv, p. 1850, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.
Sylhet.

Genus **Thyas**.

2595. THYAS CORONATA.

Noctua coronata, Fabr., Syst. Ent., p. 596, No. 24, (1775).
Noctua leonina, Fabr., loc. cit., p. 596, No. 25, (1775).
Noctua ancilla, Fabr., Ent. Syst. iii, 2, p. 17, No. 29, (1794).
Corycia magica, Hübn., Zutr. Samml. Exot. Schmett iii, 32, 268, figs. 535 &
536, (1825)*.
Ophiusa magica, Boisd., Faun. Ent. Med. Lep. 100 & 101*.
Lagoptera magica, Guén., Noct. iii, p. 225, (1852)*.
———— Walker, Cat. Lep. Het. B. M. xiv, p. 1352, (1858).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 520; and
1885, p. 464.
Thyas coronata, Moore, Lep. Ceyl. iii, p. 158, pl. 167, fig. 1; and pl. 166,
fig. 5, (1885).
Lagoptera coronata, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.
I. M., Calcutta (De Niceville), Sikkim (purchased), Ranchi
(Irvine), Perak (purchased), Manbhūm (Beavan).
Collection Swinhoe, Sikkim, Karachi, Bombay, Belgaum,
Poona, Elephant Island.
Also recorded from Nepal, Sylhet, Ceylon, Andaman Islands.

2596. *THYAS DOTATA*.

Noctua dotata, Fabr., Ent. Syst. iii, 2, p. 55, No. 153, (1794).

Arcte polygrapha (?). Kollar, Hüg. Kasch. iv, p. 478, (1848).

Ophiusa dotata, Van der Haven, Lep. Nov., pl. 4, figs. 3 a, b*.

Lagoptera dotata, Guén., Noct. iii, 226, 1632*.

————— Walker, Cat. Lep. Het. B. M. xiv, p. 1353, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Ranchi (Irvine), Calcutta (Wood-Mason), Kulu (Young),
Peraç (purchased), Sikkim (Barnes), Buxa (Moti Ram),
Sibsagar, Shillong, Cherrapunji.

Collection Swinhoe, Sikkim, Poona, Khandalla, Bombay, Nilgiri
Hills.

Also recorded from Mussooree.

2597. *THYAS ELEGANS*.

Ophiusa elegans, Van der Hoeven, Lep. Nov., pl. 5, figs. 6 a & b*.

Lagoptera multicolor, Guén., Noct. iii, 226, 1631*.

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1352, (1858).

I. M., Sikkim (purchased), Shillong.

Collection Swinhoe, Simla, Sikkim, Nilgiri Hills.

2598. *THYAS HONESTA*.

Thyas honesta, Hübn., Samml. Exot. Schmett. ii, Index, p. 4, figs. 1 & 2,
1820-26*.

————— Moore, Lep. Ceyl. iii, p. 158, pl. 167, fig. 2, (1885).

Noctua microrhæa (?), Fabr., Ent. Syst. iii, 2, p. 17, No. 39, (1794).

Lagoptera honesta, Guén., Noct. iii, p. 224, 1629, (1852)*.

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1351, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 74; and 1877,
p. 609.

I. M., Cachar (Wood-Mason), Buxa (Moti Ram), Sikkim
(Barnes; also purchased), Sibsagar (Peal).

Collection Swinhoe, Sikkim, Raipur (Central India).

Also recorded from Andaman Islands and Ceylon.

Genus *Ansa*.2599. *ANSA FILIPALPIS*.

Ansa filipalpis, Walker, Cat. Lep. Het. B. M., xv, p. 1731, (1858).

————— Moore, Lep. Ceyl. iii, p. 174, (1885).

Ceylon.

Genus *Minucia*.2600. *MINUCIA ADUSTA*.

Ophiodes adusta, Moore, Descr. Ind. Lep. Atk. ii, p. 169, pl. 6, fig. 11,
(1882).

Cherrapunji.

Allied to *M. trapezium*.

2601. MINUCIA BASISIGNUM.

Ophiodes basisignum, Walker, Cat. Lep. Het. B. M., xiv, p. 1359, (1858).
India, Australia.

2602. MINUCIA CUPREA.

Ophiodes cuprea, Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

I. M., Buxa (Moti Ram), Sikkim (Barnes), Ranchi (Irvine).
Collection Swinhoe, Solun, Raipur (Central India).
Also recorded from Formosa.

2603. MINUCIA DISCRIMINANS.

Ophiodes discriminans, Walker, Cat. Lep. Het. xiv, p. 1358, (i 858).
Minucia discriminans, Moore, Lep. Ceyl. iii, p. 160, pl. 166, fig. 4, (1885).
Collection Swinhoe, Ceylon.

2604. MINUCIA FERVIDA.

Ophiodes fervida, Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
I. M., a specimen with no history.
Collection Swinhoe, Solun.
Allied to *M. lunaris* of Europe.

2605. MINUCIA INDISTINCTA.

Ophiodes indistincta, Moore, Deser. Ind. Lep. Atk. ii, p. 169, pl. 6, fig. 12,
(1882).
Khasi Hills.

2606. MINUCIA PRUNICOLOR.

Minucia prunicolor, Moore, Lep. Ceyl. iii, p. 160, pl. 167, fig. 3, (1885).
I. M., Silsagar (Peal).
Also recorded from Ceylon.

2607. MINUCIA REMIGIOIDES.

Ophiodes remigioides, Guén., Noct. iii, 230, 1637*.
Walker, Cat. Lep. Het. B. M. xiv, p. 1359, (1858).
India.

2608. MINUCIA SEPARANS.

Ophiodes separans, Walker, Cat. Lep. Het. B. M. xiv, p. 1357, (1858).
Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 415.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885,
p. 464.
Ophiodes tirrhæa, (var A), Guén., Noct. iii, 229*.
I. M., Kulu (Young), Cachar, Sikkim (purchased), Khasi
Hills.
Collection Swinhoe, Kasauli, Karachi, Satara, Poona, Bombay,
Mhow, Sholapore, Nilgiri Hills.

2609. MINUCIA TRAPEZIUM.

Ophiodes trapezium, Guén., Noct. iii, p. 231, 1638, (1852).*
 Walker, Cat. Lep. Het. B. M. xiv, p. 1360, (1858).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 74.

Ophisma cognata, Walker, loc. cit. xxxiii, p. 958, (1865).
Minucia trapezium, Moore, Lep. Ceyl. iii, p. 160, (1885).

Collection Swinhoe, Sibsagarh.
 Also recorded from Sylhet, Ceylon.

2610. MINUCIA TRIPHÆNOIDES.

Ophioides triphanoides, Walker, Cat. Lep. Het. B. M., xiv, p. 1358,
 (1858).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 74.
 Butler, Proc. Zool. Soc. Lond. 1883, p. 164.
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464; and
 1886, p. 450.

I. M., Bombay (Swinhoe), Sikkim (purchased), Ranchi
 (Irvine).
 Collection Swinhoe, Khandalla, Mhow

2611. MINUCIA TUMIDILINEA.

Ophiusa tumidilinea, Walker, Cat. Lep. Het. B. M., xiv, p. 1433, (1858).
Ophiodes tumidilinea, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 621; and
 1885, p. 464.

Collection Swinhoe, Bombay, Poona, North Canara, Karacii,
 Nilgiri Hills.

Genus *Ophisma*.

2612. OPHISMA AMABILIS.

Ophisma amabilis, Walker, Char. Undescr. Lep. Het. 1869, p. 91.
 Benares.

2613. OPHISMA CIRCUMFERENS.

Ophisma circumferens, Walker, Cat. Lep. Het. B. M. xxxiii, p. 956, (1865).
 Moore, Lep. Ceyl. iii, p. 161, (1885).
 Ceylon.

2614. OPHISMA CONTENTA.

Ophisma contenta, Walker, Cat. Lep. Het. B. M., xiv, p. 1381, (1858).
 India.

2615. OPHISMA CERTIOR.

Ophisma certior, Walker, Cat. Lep. Het. B. M., xiv, p. 1381, (1858).
 India.

2616. *OPHISMA GRAVATA*.*Ophisma gravata*, Guén., Noct. iii, 237, 1648.**Walker*, Cat. Lep. Het. B. M., xiv, p. 1379, (1858).*Moore*, Proc. Zool. Soc. Lond. 1867, p. 74.

Collection Swinhoe, Sylhet.

Also recorded from Australia.

2617. *OPHISMA MATURATA*.*Ophisma maturata*, Walker, Cat. Lep. Het. B. M. xiv, p. 1382, (1858).*Swinhoe*, Proc. Zool. Soc. Lond. 1865, p. 466.

Collection Swinhoe, Bombay.

Also recorded from Penang.

2618. *OPHISMA MATURESCENS*.*Ophisma maturescens*, Walker, Cat. Lep. Het. B. M. xiv, p. 1382, (1858).*Moore*, Proc. Zool. Soc. Lond. 1867, p. 74.

Collection Swinhoe, Sikkim.

Also recorded from Sylhet.

2619. *OPHISMA RIGIDISTRIA*.*Ophisma rigidistria*, Guén., Noct. iii, 240, 1655.**Walker*, Cat. Lep. Het. B. M., xiv, p. 1380, (1858).

India.

1620. *OPHISMA SIAMICA*.*Ophisma siamica*, Walker, Cat. Lep. Het. B. M., xxiii, p. 957. (1865).

Siam.

Genus *Platyja*.2621. *PLATYJA UMMINIA*.*Phalena (Noctua) umminia*, Ciam., Pap. Exot. iii, pl. 267, fig. F, (1780).*Ophisma umminia*, Walker, Cat. Lep. Het. B. M., xiv, p. 1384, (1858).*Sympis subunita*, Guén., Noct. iii, p. 344, (1852).**Walker, loc. cit.*, xv, p. 1549, (1858).*Cotusa drepanoides*, Walker, *loc. cit.*, p. 1552, (1858).*Cotusa umminia*, Moore, Proc. Zool. Soc. Lond. 1867, p. 74.*Platyja umminea* (sic), Hübn., Verz. Bek. Schmett., p. 268, No. 2625, (1816).*Platyja umminea*, Moore, Lep. Ceyl. iii, p. 211, pl. 173, figs. 6, 6a, (1885).*Ophisma trujecta*, Walker, Char. Undescr. Lep. Het., 1, 108, (1869).*Hulodes falcata*, Felder & R. Reise, Novara, Lep. iv, pl. 115, fig. 8, (1864-75).

Collection Swinhoe, North India.

Also recorded from Bengal, Ceylon, Java, China, Penang.

Genus *Pindara*.2622. *PINDARA ILLIBATA*.

Noctua illibata, Fabr., Syst. Ent. p. 592, No. 8, (1775).

Hemeroblemma peropace, Hübn., Zutr. Samml. Exot. Schmett. iii, 33, 271, fig. 541-2, (1825).*

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1242, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Ophisma lætabilis, Guén., Noct. iii, p. 241, (1852).*

————— Walker, loc. cit. xiv, p. 1380, (1858).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

Pindara illibata, Moore, Lep. Ceyl. iii, p. 170, (1885).

Collection Swinhoe, Sikkim, Bombay, Poona, Matheran, Raipur (Central India).

Also recorded from Ceylon, Sylhet, China, and South America.

Genus *Achæa*.2623. *ACHÆA COMBINANS*.

Achæa combinans, Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).

————— Moore, Lep. Ceyl. iii, p. 165, pl. 169, fig. 3, (1885).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2624. *ACHÆA MELICERTE*.

Phalæna (Noctua) melicerte, Drury, Ins. 1, p. 46, pl. 23, fig. 1, (1770)

————— Cram., Pap. Exot. iv, pl. 323, figs. C, D, (1780); and vol. i, pl. 62, figs. C, D., (1775).

Noctua tigrina, Fabr., Sp. Ins., p. 218, No. 52, (1781).

————— Ent. Syst. iii, p. 402, No. 105, (1794).

Achæa melicerte, Hübn., Verz. Bek. Schmett. p. 269, No. 2643, (1816).

————— Guén., Noct. iii, p. 247, 1666.*

————— Walker, Cat. Lep. Het. B. M. xiv, p. 1396, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75; 1877, p. 609.

————— Lep. Ceyl. iii, p. 163, pl. 168, figs. 2, 2a, 2b, (1885).

————— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 415.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 465 and 1886, p. 450.

————— Butler, Proc. Zool. Soc. Lond. 1886, p. 392.

I. M., Ranchi (Irvine), Kulu (Young), Calcutta, Andaman Islands (purchased), Western India (Swinhoe), Nicobar Islands (De Niceville), Manbhum (Beavan), North Khasi Hills, Sikkim (purchased).

Collection Swinhoe, Kasauli, Karachi, Mirzapore, Belgaum, Poona, Bombay, Mhow, Campbellpore, Hyderabad (Sind), Ceylon.

Also recorded from Celebes, Australia.

2625. *ACHÆA MEZENTIA*.

Phalæna (Noctua) mezentia, Cram., Pap. Exot. iv, pl. 323, fig. F. (1780).

Noctua mezentia (sic), Fabr., Ent. Syst. iii, 2, p. 41, (1794).

ACHÆA MEZENTIA—continued.

Achea mezentia, Hübn., Verz. Bek. Schmett, p. 269, No. 2645, (1816).

Guén., Noct. iii, p. 248, 1668.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1397, (1858).

Moore, Lep. Ceyl., iii, p. 165, pl. 169, fig. 1, (1885).

Synna lugens, Walker, loc. cit. xxxiii, p. 938, (1865).

Collection Swinhoe, Ceylon.

Also recorded from Coromandel.

2626. ACHÆA NUBIFERA.

Achea nubifera, Moore, Proc. Zool. Soc. Lond. 1877, p. 609, pl. 69, fig. 9.

I. M., Andaman Islands (purchased).

2627. ACHÆA REVERSA.

Achea reversa, Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).

Moore, Lep. Ceyl. iii, p. 165, pl. 169, figs. 2, 2a, (1885).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

2628. ACHÆA SERVA.

Noctua serva, Fabr., Syst. Ent., p. 593, No. 13, (1775).

Noctua vulpina, Fabr., Ent. Syst. iii, 2, p. 39, No. 102, (1794).

Noctua mercatoria, Fabr., loc. cit., p. 62, No. 175, (1794).

Achea mercatoria, Guén., Noct. iii, p. 248.*

Walker, Cat. Lep. Het. B. M., xiv, p. 1399, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464, (1885).

Phalana (Noctua) melicerte, Cram., Pan. Exot. iv, pl. 323, figs. D, E, (1780).

Achea ino, Hübn., Verz. Bek. Schmett, p. 269, 2644, (1816).

Achea serva, Moore, Lep. Ceyl. iii, p. 164, pl. 169, figs. 4, 4a, (1885).

Collection Swinhoe, Khandalla, Ceylon, Raipur (Central India).

Also recorded from Java.

Genus *Psimada*.

2629. PSIMADA QUADRIPENNIS.

Psimada quadripenis, Walker, Cat. Lep. Het., xv, p. 1828, (1858).

Moore, Lep. Ceyl. iii, p. 171, pl. 170, fig. 2, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

Collection Swinhoe, Bombay, Camorta (Nicobars).

Also recorded from Canara and Ceylon.

Genus *Serrododes*.

2630. SERRODODES CAMPANA.

Serrododes campana, Guén., Noct. iii, p. 252, 1673, pl. 22, fig. 6, ♂, (1852)*.

Walker, Cat. Lep. Het. B. M., xiv, p. 1402, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Lep. Ceyl. iii, p. 166, pl. 167, figs. 5, 5a, (1885).

I. M., Sikkim (Barnes; also purchased), Kulu (Young).

Collection Swinhoe, Sikkim, Raipur (Central India).

Also recorded from Sylhet and Ceylon.

2631. *SERRODES INARA*.

Phalena inara, Cram., Pap. Exot. iii, pl. 239, fig. E, (1779).

Bendis inara, Hübn., Verz. Bek. Schmett., p. 269, No. 2649, (1816).

Serrodes inara, Guén., Noct. iii, 253, 1675*.

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1403, (1858), and
xxxiii, p. 962, (1865).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 464.

Collection Swinhoe, Sikkim, Karachi, Poona, Bombay.

Genus *Naxia*.2632. *NAXIA ABSENTIMACULA*.

Naxia absentimacula, Guén., Noct. iii, p. 255, 1676, (1852)*.

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1404, (1858).

———— Moore, Lep. Ceyl. iii, p. 167, (1885).

I. M., Sibisagar (Peal), Audaman Islands (purchased).

Collection Swinhoe, Ceylon.

2633. *NAXIA CALEFACIENS*.

Naxia calefaciens, Walker, Cat. Lep. Het., xiv, p. 1405, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

———— Lep. Ceyl. iii, p. 168, pl. 168, fig. 3, (1885).

Collection Swinhoe, Ceylon.

Also recorded from Sylhet.

2634. *NAXIA CIRCUMSIGNATA*.

Naxia circumsignata, Guén., Noct. iii, 255, 1678*.

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1405, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Sylhet.

2635. *NAXIA DUPLEXA*.

Naxia duplexa, Moore, Proc. Zool. Soc. Lond. 1883, p. 26, pl. 6, fig. 4.

Sikkim.

Allied to *N. calefaciens*.

Genus *Delgamma*.2636. *DELGAMMA CALORIFICA*.

Naxia calorifica, Walker, Cat. Lep. Het. B. M., xiv, p. 1406, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Delgamma calorifica, Moore, Lep. Ceyl. iii, p. 168, pl. 168, figs. 4, 4a, (1885).

I. M., Andaman Islands (purchased).

Collection Swinhoe, India.

Also recorded from Sylhet and Ceylon.

Genus **Caranilla**.2637. **CARANILLA ONELIA**.*Nazia onelia*, Guén., Noct. iii, p. 258, 1679, (1852)*.

———— Walker, Cat. Lep. Het. B. M. xiv, p. 1405, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Ophiusa obumbrata, Walker, loc. cit., xxxiii, p. 909, (1865).*Ophiusa umbrosa*, Walker, loc. cit., p. 968, (1865).*Caranilla onelia*, Moore, Lep. Ceyl. iii, p. 169, pl. 170, figs. 1, 1b, (1885).

I. M., Sibsagar (Peal), Sikkim (purchased), Buxa (Moti Ram).

Collection Swinhoe, Sylhet, Ceylon, Matheran, and Lanaoli.

Also recorded from Ceylon and Java and China.

Genus **Pasipeda**.2638. **PASIPEDA HÆMORRHODA**.*Calesia hæmorrhoda*, Guén., Noct. iii, 258, 1683*.

———— Walker, Cat. Lep. Het. B. M. xiv, p. 1409, (1858).

Calesia patna, Felder & R. Reise, Novara. Lep. iv, pl. 117, fig. 17, (1864-75).*Pasipeda hæmorrhœa* (sic), Moore, Lep. Ceyl. iii, p. 183, (1885).*Calesia hæmorrhœa* (sic), Moore, Journ. As. Soc. Beng., vol. iv, pt. 2, p. 101, (1886).

I. M., Kulu (Young), Sikkim (purchased), Buxa (Moti Ram).

Cachar (Wood-Mason), Tavoy (Moti Ram).

Collection Swinhoe, Solun, Bombay.

Also recorded from Ceylon.

2639. **PASIPEDA RUFIPALPIS**.*Pasipeda rufipalpis*, Walker, Cat. Lep. Het. B. M. xv, p. 1795, (1858).

———— Moore, Lep. Ceyl. iii, p. 183, (1885).

Ceylon.

2640. **PASIPEDA SATELLITIA**.*Pasipeda satellitia*, Moore, Lep. Ceyl. iii, p. 184, pl. 171, figs. 6, 6a, (1885).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

I. M., Bombay (Swinhoe), Bangalore, Ceylon (Swinhoe).

Collection Swinhoe, Khandalla, Belgaum, Poona, Bombay, Ceylon.

Genus **Macaldenia**.2641. **MACALDENIA PALUMBA**.*Hulodes palumba*, Guén., Noct. iii, p. 211, 1613, (1852)*.

———— Walker, Cat. Lep. Het. B. M. xiv, p. 1337, (1858), and xxxiii, p. 952, (1865).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 73.

Remigia colligens, Walker, loc. cit. xxxiii, p. 1019, (1865).*Pasipeda palumba*, Moore, Descr. Ind. Lep. Atk. ii, p. 171, (1882).*Macaldenia palumba*, Moore, Lep. Ceyl. iii, p. 162, pl. 168, figs. 1, 1a, 1b, (1885).

Collection Swinhoe, India and Ceylon.

Also recorded from Sylhet, Cherrapunji, South India, Ceylon, Singapore, Java.

Genus *Calesia*.2642. *CALESIA DASYPTERA*.*Erebus dasypterus*, Kollar, Hüg. Kasch. iv, p. 476, 5, (1848).*Erebus leucostigma*, Kollar, *loc. cit.*, 6.*Calesia comosa*, Guén., Noct. iii, p. 258, pl. 21, fig. 7, (1852)*.

————— Walker, Cat. Lep. Het. B. M. xiv, p. 1408, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Calesia stigmoleuca, Guén., *loc. cit.*, p. 258, 1685, (1852)*.————— Walker, *loc. cit.*, p. 1409, (1858).*Calesia dasyptera*, Moore, Lep. Ceyl. iii, p. 182, (1885).*Calesia leucostigma*, Moore, Lep. Ceyl. iii, p. 182, pl. 171, fig. 5, (1885).

I. M., Tavoy and Buxa (Moti Ram).

Collection Swinhoe, Sikkim, Ceylon.

2643. *CALESIA FLABELLIFERA*.*Calesia flabellifera*, Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Upper Tenasserim.

2644. *CALESIA GASTROPACHOIDES*.*Calesia gastropachoides*, Guén., Noct. iii, p. 258*.————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75; and
1878, p. 849.

Bengal, Upper Tenasserim.

Genus *Hypætra*.2645. *HYPÆTRA LILACII*.*Hypætra lilacii*, Guén., Noct. iii, 260, 1688*.

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1411, (1858).

India.

2646. *HYPÆTRA NOCTUOIDES*.*Hypætra noctuoides*, Guén., Noct. iii, 259, 1680*.

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1410, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 75.

Collection Swinhoe, Moulmein.

Also recorded from Sylhet and Java.

2647. *HYPÆTRA PERFICIENS*.*Hypætra perficiens*, Walker, Cat. Lep. Het. B. M., xiv, p. 1412, (1858).

India.

2648. *HYPÆTRA STIGMATA*.*Hypætra stigmata*, Moore, Proc. Zool. Soc. Lond. 1877, p. 610.

Andaman Islands.

Genus **Anereuthina**.2649. **ANEREUTHINA CONDITA.***Hypatra condita*, Walker, Cat. Lep. Het. B. M. xiv, p. 1413, (1858).*Anereuthina condita*, Moore, Lep. Ceyl. iii, p. 173, pl. 170, fig. 5, (1885).

Collection Swinhoe, Shillong, Ceylon.

2650. **ANEREUTHINA CURVIFERA.***Hypatra curvifera*, Walker, Cat. Lep. Het. B. M. xiv, p. 1412, (1858).*Anereuthina curvifera*, Moore, Lep. Ceyl. iii, p. 174, pl. 170, fig. 4, (1885).

Ceylon.

2651. **ANEREUTHINA DIVISA.***Hypatra divisa*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 963, (1865).*Anereuthina divisa*, Moore, Lep. Ceyl. iii, p. 172, (1885).

Ceylon.

2652. **ANEREUTHINA EXPECTANS.***Achea expectans*, Walker, Cat. Lep. Het. B. M., xv, p. 1827, (1858).*Anereuthina expectans*, Moore, Lep. Ceyl. iii, p. 172, (1885).

Ceylon.

2653. **ANEREUTHINA FRONTALIS.***Ophiusa frontalis*, Walker, Cat. Lep. Het. B. M., xiv, p. 1434, (1858).*Anereuthina frontalis*, Moore, Lep. Ceyl. iii, p. 173, pl. 179, fig. 3, (1885).

India, Ceylon.

2654. **ANEREUTHINA INCLUDENS.***Avatha includens*, Walker, Cat. Lep. Het. B. M., xiii, p. 1107, (1857).*Hypatra complacens*, Walker, loc. cit. xiv, p. 1414, (1858).*Anereuthina includens*, Moore, Lep. Ceyl. iii, p. 172, pl. 170, fig. 6, (1885).

Ceylon, India.

2655. **ANEREUTHINA TRIGONIFERA.***Hypatra trigonifera*, Walker, Cat. Lep. Het. B. M., xiv, p. 1411, (1858).*Anereuthina trigonifera*, Moore, Lep. Ceyl. iii, p. 173, pl. 70, fig. 7, (1885).

Ceylon.

Genus **Dordura**.2656. **DORDURA ALIENA.***Hypatra aliena*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 964, (1865).*Dordura aliena*, Moore, Descr. Ind. Lep. Atk. ii, p. 170, (1882).

Calcutta, North India.

2657. **DORDURA APICALIS***Dordura apicalis*, Moore, Descr. Ind. Lep. Atk. ii, p. 170, pl. 5, fig. 20, (1882).

Calcutta.

Genus *Ophiusa*.2659. *Ophiusa* *ACHATINA*.

Phalena achatina, Sulz., Ins. pl. 22, fig. 4 (*nec* Cramer)*.

Ophiusa achatina, Moore, Proc. Zool. Soc. Lond. 1867, p. 70 (*nec* Guén.
nec Walker).

————— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

Dugshai, Satara.

2659. *Ophiusa* *ALBIVITTA*.

Ophiusa albivitta, Guén., Noct. iii, p. 271, No. 1707, (1852)*.

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1430, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466; and 1884,
p. 521.

————— Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

Dysgonia albivitta, Moore, Lep. Ceyl. iii, p. 178, pl. 171, fig. 4, (1885).

I. M., Calcutta, Kulu (Young), Buxa (Moti Ram), Ceylon
(Mackwood; also Colombo Museum), Bombay (Swinhoe),
Nicobar Islands (De Niceville).

Collection Swinhoe, Bombay, Campbellpore, Umballa, Karachi,
Mahableshwar, Mhow, Neemuch.

2660. *Ophiusa* *AMYGDALIS*.

Dysgonia amygdalis, Moore, Lep. Ceyl. iii, p. 551, pl. 214, fig. 3.
Ceylon.

2661. *Ophiusa* *ANALIS*.

Ophiusa analis, Guén., Noct. iii, 271, 1708*.

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1430, (1858).

Collection Swinhoe, Sikkim.

Also recorded from Hongkong and Java.

2662. *Ophiusa* *ARCTOTÆNIA*.

Ophiusa arctotænia, Guén., Noct. iii, 272, 1711*.

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1431, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

————— Butler, Proc. Zool. Soc. Lond. 1883, p. 165.

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 450.

Collection Swinhoe, Karachi, Mhow.

Also recorded from Sylhet.

2663. *Ophiusa* *ARCUATA*.

Ophiusa arcuata, Moore, Proc. Zool. Soc. Lond. 1877, p. 609.

Ophiusa joviana, Guén., Noct. iii, p. 269.*

————— Walker, Cat. Lep. Het. B. M. xiv, p. 1429, (1858).

Dysgonia arcuata, Moore, Lep. Ceyl. iii, p. 176, pl. 171, fig. 3, (1885).

Ophiusa arcuata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

I. M., Andaman Islands (purchased), Buxa (Moti Ram),
Rauchi (Irvine).

Collection Swinhoe, Bombay, Nilgiri Hills.

Also recorded from Ceylon and Java.

2661. *OPHIUSA ACUTA*.

Ophiusa acuta, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 5.

Khasi Hills.

Allied to *O. falcata*.

2665. *OPHIUSA CONFICIENS*.

Ophiusa conficiens, Walker, Cat. Lep. Het. B. M. xiv, p. 1432, (1858).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

———— Butler, Ill. Typ. Lep. Het. vi, p. 45, pl. 112, fig. 5, (1886).

Collection Swinhoe, Solun, Bombay.

2666. *OPHIUSA CRAMERI*.

Dysgonia crameri, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 2, (1885).

Ophiusa crameri, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

Phalana (Noctua) uchatina, Cram. (nec Sulzer), Pap. Exot. iii, pl. 288, fig. A, (1780).

Ophiusa archatina, Guén., Noct. iii, p. 272, 1852.*

———— Walker, Cat. Lep. Het. B. M. xiv, p. 1430, (1858).

I. M., Tavoy (Moti Ram), Sikkim (Barnes; also purchased), Buxa (Moti Ram), Kulu (Young), Sibsagar, Bombay, Simla, Ceylon (Colombo Museum), Andaman Islands (De Roepstorff).

Collection Swinhoe, Dugshai, Satara, Poona, Bombay, Khaddalla, Sikkim.

2667. *OPHIUSA DISCALIS*.

Dysgonia discalis, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 8, (1885).

Ceylon.

2668. *OPHIUSA FALCATA*.

Ophiusa falcata, Moore, Descr. Ind. Lep. Atk. ii, p. 171, pl. 6, fig. 14, (1882).

Khasi Hills.

2669. *OPHIUSA FULVOTÆNIA*.

Ophiusa fulvotænia, Guén., Noct. iii, p. 272, 1710, (1852).*

———— Walker, Cat. Lep. Het. B. M. xiv, p. 1431, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Dysgonia fulvotænia, Moore, Lep. Ceyl. iii, p. 177, pl. 171, fig. 1, (1885).

I. M., Sibsagar (Peal), Perak (purchased).

Collection Swinhoe, Sylhet.

Also recorded from Ceylon, Sumatra, Java.

2670. *OPHIUSA JOVIANA*.

Phalana (Noctua) Joviana, Cram., Pap. Exot. iv, pl. 399, fig. B, (1782).

Noctua joviana, Fabr., Ent. Syst. iii, 2, p. 42, No. 111, (1794).

Noctua sinuata, Fabr., Mant. Ins. ii, p. 145, No. 83, (1787).

OPHIUSA JOVIANA—continued.

Dysgonia jovis, Hübn., Verz. Bek. Schmett., p. 269, No. 2640, (1816).

Ophiusa myops, Guén., Noct. iii, p. 265, (1852).*

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1428, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Ophiusa joviana, Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

Dysgonia joviana, Moore, Lep. Ceyl. iii, p. 175, pl. 170, figs. 9, 9a, (1885).

I. M., Sikkim (purchased), Ceylon (Colombo Museum), Bombay (Swinhoe), Andaman Islands (purchased).

Collection Swinhoe, Bombay, Poona, Solun, Mhow, Nilgiri Hills. Also recorded from Java.

2671. OPHIUSA LUTEIPALPIS.

Ophiusa luteipalpis, Walker, Cat. Lep. Het. B. M. xxxiii, 968, (1865).

Dysgonia luteipalpis, Moore, Lep. Ceyl. iii, p. 178, (1885).

Ceylon.

2672. OPHIUSA OLYMPIA.

Ophiusa olympia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 466.

Collection Swinhoe, Poona, Bombay, Bluj.

2673. OPHIUSA PROPERATA.

Ophiusa properata, Walker, Cat. Lep. Het. B. M., xiv, p. 1433, (1858).

———— Butler, Ill. Typ. Lep. Het. vi, p. 46, pl. 112, fig. 6, (1886).

Sikkim.

2674. OPHIUSA SIMILLIMA.

Ophiusa simillima, Guén., Noct. iii, 266, 1695.*

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1428, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Dysgonia simillima, Moore, Lep. Ceyl. iii, p. 178, pl. 170, fig. 8, (1885).

Collection Swinhoe, Sylhet.

Also recorded from Ceylon.

2675. OPHIUSA STUPOSA.

Noctua stuposa, Fabr., Ent. Syst. iii, 2, p. 42, No. 112, (1794).

Phalena (Noctua) achatina, Cram. (nec Sulzer), Pap. Exot. iii, pl. 273, fig. E, (1780).

Ophiusa stuposa, Guén., Noct. iii, p. 271, 1706.*

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1429, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

Ophiusa festinata, Walker, loc. cit., p. 1432, (1858).

Dysgonia stuposa, Moore, Lep. Ceyl. iii, p. 176, pl. 171, fig. 7, (1885).

I. M., Sind (Swinhoe).

Collection Swinhoe, Sylhet, Bombay, Karachi, Hyderabad, Raipur (Central India).

Also recorded from Ceylon and China.

Genus **Grammodes**.2676. **GRAMMODES AMMONIA.**

Phalæna (Noctua) ammonia, Cram., Pap. Exot. iii, pl. 250, fig. D, (1779).
Grammodes ammonia, Guén., Noct. iii, p. 278, 1720.*

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1443, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

———— Lep. Ceyl. iii, p. 179, (1885).

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521, and 1885, p. 467.

I. M., Sikkim (purchased), Kulu (Young), Calcutta, Ranchi (Irvine).

Collection Swinhoe, Umballa, Bombay, Karachi, Nilgiri Hills, Sikkim, Raipur, (Central India).

Also recorded from Sylhet, Nepal, Ceylon, South Africa.

2677. **GRAMMODES EXCAVATA.**

Grammodes excavata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 973, (1865), South India.

2678. **GRAMMODES MYGDON.**

Phalæna (Noctua) mygdon, Cram., Pap. Exot. ii, pl. 156, fig. G, (1777).

Chalciope mygdonias, Hübn., Verz. Bek. Schmett., p. 268, No. 2636, (1816).

Grammodes mygdon, Guén., Noct. iii, p. 278, 1721.*

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1444, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

Chalciope mygdon, Moore, Lep. Ceyl. iii, p. 180, (1885).

———— Journ. As. Soc. Beng., vol. lv, pt. 2, p. 101, (1886).

I. M., False Point (Baxter), Calcutta, Sibsagar, Sikkim, Tavoy (Moti Ram), Bombay (Swinhoe), Andaman Islands (purchased), Nicobar Islands (De Niceville).

Collection Swinhoe, Nilgiri Hills, Bombay, Khandalla, Ceylon. Also recorded from Java and Borneo.

2679. **GRAMMODES STOLIDA.**

Noctua stolidæ, Fabr., Sp. Ins. ii, p. 218, No. 54, (1781).

———— Mant. Ins. ii, p. 145, No. 81, (1787).

———— Ent. Syst. iii, 2, p. 41, No. 109, (1794).

———— God., Lep. Fr. v, 117, pl. 53, fig. 5.*

Phalæna stolidæ, Gmel., Ed. Syst. Nat. i, 5, 2552, 1094.*

Noctua cingularis, Hübn., Noct., pl. 76, fig. 352, and pl. 109, fig. 512.*

Ophiusa stolidæ, Treit., Schmett v, 312, 18.*

———— Meig., Syst. Besch. iii, 208, 10, pl. 113, fig. 9.*

Grammodes stolidæ, Guén., Noct. iii, p. 276, 1717.*

———— Walker, Cat. Lep. Het. B. M., xiv, p. 1441, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

———— Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 467.

———— Trans. Ent. Soc. Lond. 1885, p. 352.

———— Butler, Proc. Zool. Soc. Lond. 1886, p. 362.

I. M., Karachi (Swinhoe; also Murray), Kulu (Young).

Collection (Swinhoe), Umballa, Karachi, Bolan, Bombay, Campbellpore.

Also recorded from Europe and South Africa.

Genus **Fodina**.2680. **FODINA NOTATA**.*Noctua notata*, Fabr., Ent. Syst. iii, 2, p. 39, No. 103, (1794).*Grammodes notata*, Walker, Cat. Lep. Het. B. M., xiv, p. 1445, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

Grammodes mundicolor, Walker, loc. cit. xxxiii, p. 973, (1865).*Fodina mundicolor*, Moore, Lep. Ceyl. iii, p. 181, (1885).

Collection Swinhoe, Umballa, Nilgiri Hills.

Also recorded from Ceylon and Nepal.

2681. **FODINA ORIOLUS**.*Fodina oriolus*, Guén., Noct. iii, 174, 1713.*

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1438, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

I. M., Buxa (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Sylhet.

2682. **FODINA PALLULA**.*Fodina pallula*, Guén., Noct. iii, p. 275, 1714, (1852).*

————— Walker, Cat. Lep. Het. B. M. xiv, p. 1439, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 76.

————— Lep. Ceyl. iii, p. 181, (1885).

I. M., Goalpara.

Also recorded from Sylhet, Ceylon.

2683. **FODINA STOLA**.*Fodina stola*, Guén., Noct. iii, p. 275, 1715, (1852).*

————— Walker, Cat. Lep. Het. B. M. xiv, p. 1439, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

————— Lep. Ceyl. iii, p. 181, (1885).

I. M., Sikkim (purchased).

Collection Swinhoe, Buxar.

Also recorded from Upper Tenasserin and Ceylon.

Genus **Artena**.2684. **ARTENA SUBMIRA**.*Artena submira*, Walker, Cat. Lep. Het. B. M., xiv, p. 1380, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Collection Swinhoe, Sylhet.

Also recorded from Upper Tenasserim.

FAMILY EUCLIDIDÆ.Genus **Trigonodes**.2685. **TRIGONODES CEPHISE**.*Phalæna cephise*, Cram., Pap. Exot. iii, pl. 227, fig. C, (1779).*Chalciope cephise*, Hübn., Verz. Bek. Schmett 268, 2633.*Trigonodes cephise*, Guén., Noct. iii, 282, 1724.

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1450, (1858).

North India.

2686. *TRIGONODES DISJUNCTA*.

Chalciope disjuncta, Moore, Descr. Ind. Lep. Atk. ii, p. 171, (1882).

Trigonodes disjuncta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 467.

Collection Swinhoe, Bombay, Nilgiri Hills.

Also recorded from Parisnath.

Allied to *C. cephise*.

2687. *TRIGONODES HYPPASIA*.

Phalena (Noctua) hyppasia, Cramer, Pap. Exot. iii, pl. 250, fig. C, (1779).

var. *Phalena deliana*, Stoll.-Cram., loc. cit., p. 160, pl. 36, fig. 4, (1790).

Chalciope hyppasia, Hubn., Verz. Bek. Schmett., p. 268, No. 2634, (1816).

Trigonodes compar, Walker, Cat. Lep. Het. B. M. xiv, p. 1451, (1857).

Trigonodes hyppasia, Guén., Noct. iii, p. 283, 1726, (1852).*

————— Walker, Cat. Lep. Het. B. M. xiv, p. 1450, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

————— Butler, Proc. Zool. Soc. Lond. 1881, p. 620; and 1886, p. 382.

————— Moore, Lep. Ceyl. iii, p. 186, (1885).

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; 1885, p. 467, and 1886, p. 451.

I. M., Cachar (Wood-Mason), Calcutta, Karachi (Murray; also Swinhoe), Sikkim (purchased), Delhi, Kulu (Young).

Collection Swinhoe, Aden, Sikkim, Karachi, Mhow, Bombay, Satara, Poona, Matheran.

Also recorded from Nepal, Ceylon, and China.

2688. *TRIGONODES MAXIMA*.

Trigonodes maxima, Guén., Noct. iii, 282, 1723.*

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1451, (1858).

Collection Swinhoe, North India.

Genus *Euclidia*.

2689. *EUCLIDIA TARSALIS*.

Euclidia (?) tarsalis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 986, (1865).

————— Moore, Lep. Ceyl. iii, p. 187, (1885).

Ceylon.

Genus *Acantholipes*.

2690. *ACANTHOLIPES ACERVALIS*.

Acantholipes acervalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451.

Collection Swinhoe, Mhow.

2691. *ACANTHOLIPES AFFINIS*.

Docela affinis, Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).

Acantholipes affinis, Butler, Proc. Zool. Soc. Lond. 1881, p. 618.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 518; 1886, p. 467; and 1886, p. 451.

I. M., Poona, and Karachi (Swinhoe).

Collection Swinhoe, Karachi, Mhow, Assirgarh, Poona, Bombay.

Closely allied to *A. (Docela) vetustalis*, Walker, from the Congo.

2692. ACANTHOLIPES FLAVISIGNA.

Acantholipes flavisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 371.
Bombay.
Allied to *A. vetustalis*.

2693. ACANTHOLIPES HYPENŌIDES.

Acantholipes hypenoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 372.
Descr. Ind. Lep. Atk. ii, p. 140, (1882).
Sikkim.

2694. ACANTHOLIPES NIGRISIGNA.

Acantholipes nigrisigna, Moore, Proc. Zool. Soc. Lond. 1881, p. 372.
Bombay.

2695. ACANTHOLIPES PULCHRA.

Acantholipes pulchra, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 451.
Collection Swinhoe, Mhow.
Allied to *A. purpurina* of Europe.

2696. ACANTHOLIPES TRIFASCIATA.

Acantholipes trifasciata, Moore, Lep. Ceyl. iii, p. 187, pl. 172, fig. 2, (1885).
Collection Swinhoe, Mahableshwar, Poona, Bombay.
Also recorded from Ceylon.

FAMILY REMIGIDÆ.

Genus *Cauninda*.

2697. CAUNINDA ARCHESIA.

Phalana (Noctua) archesia, Cram., Pap. Exot. iii, pl. 273, figs. F, G, (1780).

var. *Phalana (Noctua) virbia*, Cram., loc. cit., pl. 273, fig. H. (1780).

Drasteria archesia, Hübn., Verz. Bek. Schmett., p. 280, No. 2750, (1816).

Moris virbia, Hübn., loc. cit., p. 267, No. 2616, (1816).

Remigia archesia, Guén., Noct. iii, 318, 1779.*

————— Walker, Cat. Lep. Het. B. M., xiv, p. 1504, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77; and 1877, p. 611.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521; and 1885, p. 468.

Remigia bifasciata, Walker, loc. cit., xxxiii, p. 1014, (1865).

Cauninda archesia, Moore, Lep. Ceyl. iii, p. 191, pl. 172, figs. 3, 3a, (1885).

I. M., Cachar (Wood-Mason) Sikkim (purchased), Mergui (Anderson), Ceylon (Colombo Museum), Buxa (Moti Ram), Calcutta, Sylhet, Ratnagiri (Hatch), Aldaman Islands (purchased), Shillong, Cherrapurji, Tavoy (Moti Ram), Ranchi (Irvine).

Collection Swinhoe, Kasauli, Simla, Bombay, Mhow, Belgarm, Poona, Karachi, Sikkim.

Also recorded from South Africa, Java, and China.

2698. REMIGIA AREFACTA.

Remigia arefacta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 521, pl. 48, fig. 2.

Collection Swinhoe, Karachi, Jurruk (Sind).

2699. REMIGIA (?) CALIGINOSA.

Remigia (?) *caliginosa*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1017, (1865).
North India.

2700. REMIGIA CONGREGATA.

Remigia congregata, Walker, Cat. Lep. Het. B. M., xv, p. 1847, (1858).
Africa, Ceylon, India.

2701. REMIGIA DISCIOS.

Ophiodes discios, Koll, Hug. Kasch. iv, p. 477, (1848).
— Walker, Cat. Lep. Het. B. M., xiv, p. 1360, (1858).
Collection Swinhoe, Solun, Mandi.

2702. REMIGIA FRUGALIS.

[*Noctua frugal*is, Fabr., Ent. Syst. iii, 2, p. 134, (1794).] ?
Chalciope lycopodia, Geyer-Hübner, Zutr. Exot. Schmett 25, 449, figs. 897, 898, (1837).*

*Remigia frugal*is, Guén., Noct. iii, p. 314, 1773, (1852).*
— Walker, Cat. Lep. Het. B. M., xiv, p. 1507, (1858).
— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
— Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
— Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 476.
— Moore, Lep. Ceyl. iii, p. 190, pl. 172, figs. 4, 4a, (1885).

— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 521.

Remigia translata, Walker, loc. cit., xxxiii, p. 1015, (1865).

I. M., Karachi (Murray), Cachar (Wood-Mason), Sikkim, Megui (Anderson), Kulu (Young), Sibsagar, Ranchi (Irvine), Andaman Islands (De Roepstorff).

Collection Swinhoe, Solun, Nulgiri Hills, Karachi, Mirzapore, Ceylon.

Also recorded from Africa, Java, and Borneo.

2703. REMIGIA GREGALIS.

Remigir gregalis, Guén., Noct. iii, p. 320.*
— Moore, Proc. Zool. Soc. Lond. 1877, p. 611.
South Andaman Islands.

2704. REMIGIA PAVONA.

Drasteria pavona, Felder & R. Reise, Novara Lep., pl. 117, fig. 9, (1864-75).

I. M., Shillong, North Khasi Hills.

Collection Swinhoe, Khasi Hills.

Also recorded from Sikkim.

Allied to *O. discios*.

2705. REMIGIA QUÆSITA.

Remigia quæsitæ, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468, pl. 27,
fig. 8.

I. M. (?), Buxa (Moti Ram).

Collection Swinhoe, Bombay.

Genus *Felinia*.

2706. FELINIA SPISSA.

Felinia spissa, Guén., Noct. iii, p. 322.*

————— Walker, Cat. Lep. Hct. B. M., xiv, p. 1514, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

GROUP PSEUDO-DELTOIDES.

FAMILY FOCILLIDÆ.

Genus *Hingula*.

2707. *HINGULA ALBOLUNATA*.

Hingula albolunata, Moore, Descr. Ind. Lep. Atk. ii, p. 181, (1882).
Nilgiri Hills, Cherrapunji.

2708. *HINGULA CERVINA*.

Hingula cervina, Moore, Descr. Ind. Lep. Atk. ii, p. 181, (1882).
Manpuri, Calcutta.

2709. *HINGULA FIGURATA*.

Hingula figurata, Moore, Lep. Ceyl. iii, p. 199, pl. 174, fig. 10, ♂, (1885).
I. M., Karachi, Nilgiri Hills (Swinhoe).
Collection Swinhoe, Karachi, Nilgiri Hills.
Also recorded from Ceylon.

2710. *HINGULA TRANSVITTA*.

Hingula transvitta, Moore, Lep. Ceyl. iii, p. 551, pl. 215, fig. 1, (1887).
Ceylon.

2711. *HINGULA UNICOLORIS*.

Hingula unicoloris, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452.
Collection Swinhoe, Mhow.

Genus *Zethes*.

2712. *ZETHES AMYNOIDES*.

Zethes amynoides, Moore, Descr. Ind. Lep. Atk. ii, p. 181, pl. 6, fig. 2,
(1882).
Calcutta.

2713. *ZETHES CRISTIFERA*.

Ephyrodes cristifera, Walker, Cat. Lep. Het. B. M. xxiii, p. 1071, (1865).
Catada epops, Felder & R. Reise, Novara Lep., pl. 120, fig. 42, ♀ (1873).
Zethes cristifera, Moore, Lep. Ceyl. iii, p. 193, (1885).
Collection Swinhoe, Ceylon, Andaman Islands.
Also recorded from Mussoorie.

2714. ZETHES DECOLOR.

Focilla (?) *decolor*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1029, (1865).
Zethes decolor, Moore, Lep. Ceyl. iii, p. 192, pl. 172, fig. 8, (1885).
 Ceylon.

2715. ZETHES HÆSITANS.

Zethes hæsitans, Walker, Cat. Lep. Het. B. M., xv, p. 1524, (1858).
 India.

2716. ZETHES LINEIFERA.

Ephyrodes lineifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1070, (1865).
Zethes sondaicus, Snellen, Tijd Voor. Ent. Neder. Ind. 1877, p. 38, pl. 2,
 fig. 17. ♂.
Zethes lineifera, Moore, Lep. Ceyl. iii, p. 192, pl. 172, fig. 5, (1885).
 Collection Swinhoe, Ceylon.

2717. ZETHES PERTURBANS.

Zethes perturbans, Walker, Cat. Lep. Het. B. M., xv, p. 1525, (1858).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.
 Sylhet.

2718. ZETHES RENALIS.

Zethes renalis, Moore, Lep. Ceyl. iii, p. 194, pl. 172, fig. 12, (1885).
 Ceylon.

2719. ZETHES SOLUTA.

Thermesia soluta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).
Zethes soluta, Moore, Lep. Ceyl. iii, p. 193, (1885).
 Ceylon.

2720. ZETHES USURPATALIS.

Egnasia usurpatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 219, ♀, (1858).
Zethes usurpatalis, Moore, Lep. Ceyl. iii, p. 193, pl. 172, fig. 11, (1885).
 Ceylon.

2721. ZETHES XYLOCHROMA.

Zethes xylochroma, Walker, Cat. Lep. Het. B. M., xv, p. 1525, (1858).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 79.
 Sylhet.

Genus *Thyridospila*.

2722. THYRIDOSPILA FASCIATA.

Thyridospila fasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 181, pl. 6, fig.
 20, (1882).
 Sikkim.

2723. *THYRIDOSPILA SPHÆRIPHORA*.

Thyridospila spheriphora, Moore, Proc. Zool. Soc. Lond. 1867, p. 79.
Bengal.

Genus *Saraca*.

2724. *SARACA PANNOSA*.

Saraca pannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 182, (1882).
Cherrapunji, Sikkim.
Allied to *S. trimantesalis*.

2725. *SARACA TRIMANTESALIS*.

Egnasia trimantesalis Walker, Cat. Lep. Het. B. M., xvi, p. 220, No. 6,
(1858).
———, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Collection Swinhoe, Java.
Also recorded from Sylhet and Sikkim.

Genus *Harmatelia*.

2726. *HARMATELIA BASALIS*.

Harmatelia basalis, Moore, Descr. Ind. Lep. Atk. ii, p. 183, pl. 6, fig. 13,
(1882).
Cherrapunji, Sikkim.

2727. *HARMATELIA BIPARTITA*.

Harmatelia bipartita, Moore, Descr. Ind. Lep. Atk. ii, p. 182, (1882).
Khasia Hills, Cherrapunji.

Genus *Rhesena*.

2728. *RHÆSENA OBLIQUIFASCIATA*.

Rhesena obliquifasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 183, (1882).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Collection Swinhoe, Bombay, Rangoon.
Also recorded from Calcutta, Poona.

Genus *Cultripalpa*.

2729. *CULTRIPALPA INDISTINCTA*.

Cultripalpa indistincta, Moore, Descr. Ind. Lep. Atk. ii, p. 183, (1882).
Calcutta.

2730. *CULTRIPALPA PARTITA*.

Cultripalpa partita, Guén., Noct. iii, 332, 1797, (1852).
——— Walker, Cat. Lep. Het. B. M., xv, p. 1528, (1859).
India.

2731. *CULTRIPALPA TRIFASCIATA*.

Cultripalpa trifasciata, Moore, Descr. Ind. Lep. Atk. ii, p. 184, pl. 6, fig. 1, (1882).
Cherrapunji.

Genus *Egnasia*.2732. *EGNASIA BINORBICULATA*.

Egnasia binorbiculata, Moore, Lep. Ceyl. iii, p. 194, pl. 172, fig. 6, (1885).
I. M., Buxa (Moti Ram), Sibsagar (Peal).
Also recorded from Ceylon.

2733. *EGNASIA CASTANEA*.

Egnasia castanea, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).
Khasi Hills, Sikkim.

2734. *EGNASIA CINGALENSIS*.

Egnasia cingalensis, Walker, Cat. Lep. Het. B. M., xxiv, p. 1178, (1865).
Moore, Lep. Ceyl. iii, p. 195, pl. 172, fig. 10, (1885).
Ceylon.

2735. *EGNASIA COSTIPANNOSA*.

Egnasia costipannosa, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).
Collection Swinhoe, Maudslayi.
Also recorded from Sikkim.

2736. *EGNASIA EPHYRODALIS*.

Egnasia ephyrodalis, Walker, Cat. Lep. Het. B. M., xvi, p. 217, (1858).
Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Collection Swinhoe, Ceylon.
Also recorded from Sylhet.

2737. *EGNASIA KHASIANA*.

Egnasia khasiana, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).
Khasi Hills.
Allied to *E. ephyrodalis*.

2738. *EGNASIA LUDIANA*.

Gracilodes ludiana, Felder & R. Reise, Novara Lep., pl. 120, fig. 25, (1873).
Sylhet.

2739. *EGNASIA MOROSA*.

Egnasia morosa, Moore, Descr. Ind. Lep. Atk. ii, p. 185, pl. 6, fig. 4, (1882).
Sikkim.
Allied to *E. castanea*.

2740. *EGNASIA OCELLATA*.

Egnasia ocellata, Moore, Lep. Ceyl. iii, p. 195, pl. 174, fig. 4, (1885).
Ceylon.

2741. *EGNASIA REDUPLICATIONIS*.

Egnasia (?) *reduplicalis*, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1179, (1865).
India.

2742. *EGNASIA SCOPIGERA*.

Egnasia scopigera, Moore, Lep. Ceyl. iii, p. 195, pl. 172, fig. 9 ♂, (1885).
Ceylon.

2743. *EGNASIA TALUSALIS*.

Egnasia talusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 219, (1858).
India.

2744. *EGNASIA VAGA*.

Thermesia vaga, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1057, (1865).
Egnasia vaga, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.
Sylhet.

Genus *Matella*.2745. *MATELLA ACCINGALIS*.

Egnasia accingalis, Walker, Cat. Lep. Het. B. M., xvi, p. 218, ♀, (1858).
Matella accingalis, Moore, Lep. Ceyl. iii, p. 196, pl. 172, fig. 7, ♂, (1885).
Ceylon.

2746. *MATELLA CADUCA*.

Matella caduca, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470, pl. 28,
fig. 9, ♀.
I. M., North Canara (Swinhoe).
Collection Swinhoe, Poona, North Canara, Khandalla, Nilgiri
Hills.
Allied to *M. participalis*.

2747. *MATELLA PARTICIPALIS*.

Egnasia participalis, Walker, Cat. Lep. Het. B. M., xvi, p. 218, (1858).
Matella participalis, Moore, Lep. Ceyl. iii, p. 196, (1885).
Ceylon.

2748. *MATELLA SINUOSA*.

Egnasia sinuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 184, (1882).
Calcutta, Moulemein.
Allied to *E. accingalis*.

Genus **Moscha**.2749. **MOSCHA POSTICALIS.**

Moscha posticalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1200, (1865).
India.

Genus **Daxata**.2750. **DAXATA BIJUNGENS.**

Daxata bijungens, Walker, Cat. Lep. Het. B. M., xxviii, p. 1109, (1865).
Moore, Lep. Ceyl. iii, p. 198, pl. 174, fig. 9, (1885).
Collection Swinhoe, North Canara.
Also recorded from Ceylon.

2751. **DAXATA TANTILLA.**

Daxata tantilla, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.
Collection Swinhoe, Bombay.

Genus **Acharya**.2752. **ACHARYA COSTALIS.**

Acharya costalis, Moore, Proc. Zool. Soc. Lond. 1883, p. 28, pl. 6, fig. 10.
Andaman Islands.

2753. **ACHARYA CRASSICORNIS.**

Acharya crassicornis, Moore, Deser. Ind. Lep. Atk. ii, p. 185, pl. 6, fig. 3,
(1882).
Sylhet.

Genus **Nagadeba**.2754. **NAGADEBA INDECORALIS.**

Nagadeba indecoralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1521, ♀,
(1865).
Moore, Lep. Ceyl. iii, p. 197, pl. 174, fig. 3, (1885).
Ceylon.

Genus **Diomea**.2755. **DIOMEA ROTUNDATA.**

Diomea rotundata, Walker, Cat. Lep. Het. B. M., xiii, p. 1110, (1837).
Moore, Lep. Ceyl. iii, p. 199, (1885).
Ceylon.

FAMILY AMPHIGONIDÆ.

Genus *Lacera*.2756. *LACERA ALOPE*.

Phalena (Noctua) alope, Cram., Pap. Exot. iii, p. 286, figs. E. & F, (1780).

Lacera capella, Guén., Noct. iii, p. 337, pl. 24, fig. 13, (1852) *

———— Walker, Cat. Lep. Het. B. M., xv, p. 1537, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

Lacera alope, Moore, Lep. Ceyl. iii, p. 214, pl. 173, figs. 1, 1a, (1885).

I. M., Solon (Swinhoe), Kulu (purchased), Andaman Islands (purchased).

Collection Swinhoe, Poona, Bombay, Ceylon, Nilgiri Hills.

Genus *Amphigonia*.2757. *AMPHIGONIA COMPRIMENS*.

Amphigonia comprimens, Walker, Cat. Lep. Het. B. M., xv, p. 1540, (1858).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 81.

———— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 46, pl. 112, fig. 7, (1886).

I. M., Andaman Islands (purchased).

Also recorded from Sylhet.

2758. *AMPHIGONIA HEPATIZANS*.

Amphigonia hepatizans, Guén., Noct. iii, p. 338, pl. 24, fig. 12, (1852) *.

———— Walker, Cat. Lep. Het. B. M., xv, p. 1541, (1858).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

———— Moore, Lep. Ceyl. iii, p. 215, pl. 173, fig. 4, (1885).

I. M., Andaman Islands (purchased).

Collection Swinhoe, Bombay, Andaman Islands.

Also recorded from Ceylon.

FAMILY THERMESIIDÆ.

Genus *Platyja*.2759. *PLATYJA LOBIFERA*.

Platyja lobifera, Moore, Journ. Asiatic Soc. Bengal, pt. ii, p. 101, (1886).

I. M., Moore's Type from Tavoy (Moti Ram).

2760. *PLATYJA UMMINIA*.

Phalena (Noctua) umminia, Cram., Pap. Exot. iii, pl. 267, fig. F, (1780).

Platyja umminea, (sic) Hübn., Verz. Bek. Schmett., p. 268, (1816).

Platyja umminia, Moore, Lep. Ceyl. iii, p. 201, pl. 173, figs. 6, 6a, (1885).

Ophasma umminia, Walker, Cat. Lep. Het. B. M., xiv, p. 1384, (1858).

Sympis subunita, Guén., Noct. iii, p. 344, (1852) *.

———— Walker, loc. cit. xv, p. 1549, No. 2, (1858),

PLATYJA UMMINIA—continued.

Cotuja drepanoides, Walker, *loc. cit.* xv, p. 1552, (1858).

Ginac removens, Walker, *loc. cit.*, p. 1638, (1858).

Ophisma trajectory, Walker, Char. Undescr. Lep. Het., p. 108, (1869).

Hulodes falcata, Felder & R. Reise, Novara Lep., pl. 115, fig. 8, ♂, (1873).

Collection Swinhoe, North India.

Also recorded from Ceylon, Celebes.

Genus **Sympis**.

2761. SYMPIS RUFIBASIS.

Sympis rufibasis, Guén., Noct. iii, p. 344, pl. 24, fig. 1, (1852).*

Walker, Cat. Lep. Het. B. M., xv, p. 1519, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Lep. Ceyl. iii, p. 202, pl. 173, figs. 5, 5a, (1885).

I. M., Sikkim (purchased).

Collection Swinhoe, Sylhet, Ceylon.

Also recorded from Java and Sumatra.

2762. SYMPIS TURBIDA.

Sympis turbida, Moore, Proc. Zool. Soc. Lond. 1877, p. 611.

Andaman Islands.

Genus **Sanys**.

2763. SANYS ANGULINA.

Sanys angulina, Guén., Noct. iii, 350, 1823,* (1852).

Walker, Cat. Lep. Het. B. M., xv, p. 1558, (1854).

India.

2764. SANYS FLEXUS.

Sanys flexus, Moore, Descr. Ind. Lep. Atk. ii, p. 175, (1882).

Cherrapunji.

2765. SANYS PULVERATA.

Sanys pulverata, Guén., Noct. iii, 351, 1822, (1852).*

Walker, Cat. Lep. Het. B. M., xv, p. 1554, (1854).

India.

2766. SANYS RIVULOSA.

Thermesia rivulosa, Walker, Cat. Lep. Het. xxxiii, p. 1069, (1865).

Sanys rivulosa, Moore, Lep. Ceyl. iii, p. 205, pl. 174, fig. 5, (1885).

India, Ceylon.

Genus **Thermesia**.

2767. THERMESIA ARENACEA.

Thermesia arenacea, Walker, Cat. Lep. Het. B. M. xxxiii, 1066, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

2768. *THERMESIA CONSOCIA*.

Thermesia consocia, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1057, (1865).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.

Sylhet.

2769. *THERMESIA CREBERRIMA*.

Thermesia creberrima, Walker, Cat. Lep. Het. B. M., xv, p. 1574, (1858).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
 ——— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 47, pl. 112,
 fig. 8, (1886).

Sylhet.

2770. *THERMESIA DESPECTA*.

Thermesia despecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1058, (1865).
 India.

2771. *THERMESIA OBLITA*.

Thermesia oblita, Moore, Deser. Ind. Lep. Atk. ii, p. 176, (1882).
 Parísnath.

2772. *THERMESIA* (?) *RETRAHENS*.

Thermesia retrahens, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1063, (1865).

2773. *THERMESIA SIMPLEX*.

Thermesia simplex, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1063, (1865).
 India.

2774. *THERMESIA SUBCOSTALIS*.

Thermesia subcostalis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1059, (1865).
 India.

Genus *Soneratia*.2775. *SENERATIA PRÆCIPUA*.

Thermesia præcipua, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1056, ♀,
 (1865).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 77.
Soneratia præcipua, Moore, Lep. Ceyl. iii, p. 203, pl. 173, figs. 2, 2a,
 (1885).

I. M., Andaman Islands (purchased).
 Also recorded from Sylhet and Ceylon.

Genus *Dunira*.2776. *DUNIRA NISALIS*.

Hypona nialis, Walker, Cat. Lep. Het. B. M., xix, p. 845, (1859).
 (?) *Hypona rubripunctalis*, Walker, loc. cit. xvi, p. 233, (1858).
Dunira nialis, Moore, Lep. Ceyl. iii, p. 207, (1885).

Ceylon.

2777. DUNIRA SCITULA.

Thermesia scitula, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).
Dunira scitula, Moore, Lep. Ceyl. iii, p. 207, pl. 174, fig. 13, (1885).
 Ceylon.

Genus *Capnodes*.

2778. CAPNODES MACULICOSTA.

Capnodes maculicosta, Walker, Cat. Lep. Het. B. M., xv, p. 1608,
 (1858).
 ——— Moore, Lep. Ceyl. iii, p. 211, (1885).
Thermesia finpalpis, Walker, loc. cit. xv, p. 1574, ♀, (1858).
 Ceylon.

2779. CAPNODES MINOR.

Capnodes minor, Moore, Lep. Ceyl. iii, p. 212, pl. 174, fig. 11, (1885).
 Ceylon.

2780. CAPNODES PALLENS.

Capnodes pallens, Moore, Descr. Ind. Lep. Atk. ii, p. 176, pl. 5, fig. 21,
 (1882).
 Calcutta.

2781. CAPNODES RUFESCENS.

Capnodes rufescens, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
 Andaman Islands.

2782. CAPNODES STELLATA.

Capnodes stellata, Moore, Proc. Zool. Soc. Lond. 1883, p. 28.
 Singapore.

2783. CAPNODES TETRASPILA.

Capnodes tetraspila, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1076,
 (1858).
 ——— Moore, Lep. Ceyl. iii, p. 211, (1885).
 Ceylon.

2784. CAPNODES TRIFASCIATA.

Capnodes trifasciata, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
 ——— Lep. Ceyl. iii, p. 211, pl. 174, fig. 12, (1885).
 Andaman Islands, Ceylon.

Genus *Durdara*.

2785. DURDARA FENESTRATA.

Durdara fenestrata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 6.
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 409.
 I. M., Bombay (Swinhoe).
 Collection Swinhoe, Bombay.

2786. DURDARA LINEOLA.

Striglina lineola, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 284, (1877).
Bengal.

2787. DURDARA LOBATA.

Durdara lobata, Moore, Descr. Ind. Lep. Atk. ii, p. 177, pl. 5, fig. 16,
(1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Khasi Hills.

2788. DURDARA MYRTÆA.

Phalæna (Noctua) myrtæa, Drury, Ins. Exot. ii, 4, pl. 2, fig. 3, (1773).
Noctua myrtæa, Westw., Ed. Drury, ii, 3, pl. 2, fig. 3, (1837-42).
Striglina myrtæa, Guén., Ann. Soc. Ent. Fr., ser. 5, vol. 7, p. 285, (1877).
Thermesia (P) myrtæa, Walker, Cat. Lep. Het. B. M., xv, p. 1576, (1858).
Durdara myrtæa, Moore, Descr. Ind. Lep. Atk. ii, p. 177, (1882).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.
Also recorded from Sikkim.

2789. DURDARA PYRALIATA.

Durdara pyraliata, Moore, Descr. Ind. Lep. Atk. ii, p. 177, (1882).
Calcutta.

2790. DURDARA ZONULA.

Durdara zonula, Swinhoe, Proc. Zool. Soc. Lond. 1835, p. 469, pl. 28, fig.
12.
Collection Swinhoe, Bombay.

Genus **Raparna**.

2791. RAPARNA OCHREIPENNIS.

Raparna ochreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 8,
(1882).
Parisnath Hill.

2792. RAPARNA TRANSVERSA.

Raparna transversa, Moore, Descr. Ind. Lep. Atk. ii, p. 178, (1882).
North-West Himalayas and Parisnath Hill.

2793. RAPARNA UNDULATA.

Raparna undulata, Moore, Descr. Ind. Lep. Atk. ii, p. 178, (1882).
Dharmasala, Calcutta.

Genus **Selenis**.

2794. SELENIS LONGIPALPIS.

Selenis longipalpis, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1068, (1865).
India.

2795. *SFLENIS* *OBSCURA*.

Selenis obscura, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 10,
(1882).

Sikkim.

2796. *SELENIS* *RETICULATA*.

Selenis reticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 178, pl. 6, fig. 9,
(1882).

Sikkim.

2797. *SELENIS* *TRANSLINEATA*.

Selenis translincata, Walker, Char. Undescr. Lep. Het., p. 93, (1869).

Benares.

Genus *Mestleta*.2798. *MESTLETA* *ABRUPTA*.

Mestleta abrupta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 830, (1865).

 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

 Moore, Lep. Ceyl. iii, p. 208, pl. 174, figs. 2, 2a, (1885).

Selenis abrupta, Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Collection Swinhoe, Bombay, Poona.

Also recorded from Ceylon.

2799. *MESTLETA* *ACONTIOIDES*.

Mestleta acontioides, Moore, Descr. Ind. Lep. Atk. ii, p. 179, pl. 5, fig.
15, (1882).

Calcutta.

2800. *MESTLETA* *ANGULIFERA*.

Mestleta angulifera, Moore, Descr. Ind. Lep. Atk. ii, p. 179, (1882).

 Lep. Ceyl. iii, p. 208, pl. 175, figs. 2, 2a,
(1885).

Calcutta, Ceylon.

2801. *MESTLETA* *BACCALIAE*.

Mestleta baccaliae, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452, pl. 40,
fig. 7.

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Mhow, Karachi, Mahableshwar.

2802. *MESTLETA* *CEYLONICA*.

Thermeria ceylonica, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1061, (1865).

Mestleta ceylonica, Moore, Lep. Ceyl. iii, p. 210, (1885).

Ceylon.

2803. MESTLETA DIVISA.

Selenis divisa, Walker, Trans. Ent. Soc. Lond. (3), i, p. 107, (1862-64).

————— Cat. Lep. Het. R. M., xxxiii, p. 1066, (1865).

Selenis semilur, Walker, loc. cit. xxxiii, p. 1069, (1865).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.

Mestleta divisa, Moore, Lep. Ceyl. iii, p. 210, pl. 174, fig. 7, (1885).

I. M., a specimen with no history.

Collection Swinhoe, Bombay, Karachi.

Also recorded from Ceylon.

2804. MESTLETA DUPLEXA.

Mestleta duplexa, Moore, Proc. Zool. Soc. Lond. 1877, p. 611, pl. 60, fig. 5.

South Andaman Islands.

2805. MESTLETA INTERRUPTA.

Mestleta interrupta, Moore, Lep. Ceyl. iii, p. 209, pl. 175, fig. 7, (1885).

Ceylon.

2806. MESTLETA IRRECTA.

Selenis irrecta, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1066, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78.

Selenis niviapex, Walker, loc. cit. xxxiii, p. 1069, (1865).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.

Mestleta irrecta, Moore, Lep. Ceyl. iii, p. 209, pl. 174, figs. 1, 1a, (1885).

I. M., Andaman Islands (purchased), Sikkim, Bombay, and Poona (Swinhoe).

Collection Swinhoe, Bombay, Poona, Khandalla.

Also recorded from Ceylon.

2807. MESTLETA LUNIFERA.

Mestleta lunifera, Moore, Lep. Ceyl. iii, p. 209, pl. 175, fig. 3, (1885).

Ceylon.

2808. MESTLETA MULTIGUTTATA.

Selenis multiguttata, Walker, MS. Coll. B. M.

Mestleta multiguttata, Moore, Lep. Ceyl. iii, p. 210, pl. 174, fig. 8, (1885).

Ceylon.

Genus *Sonagara*.

2809. SONAGARA BIVITTATA.

Sonagara bivittata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 7.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Sikkim, Camorta.

Allied to *S. decussata*.

2810. SONAGARA DECUSSATA.

Sonagara decussata, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 8.

I. M., Sibsagar (Peal).

Collection Swinhoe, Sikkim.

2811. SONAGARA RETICULATA.

Thermesia (P) *reticulata*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1062, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 77; and 1877, p. 611.

Sonagara reticulata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 468.

Drepanodes (P) *scitaria*, Walker, *loc. cit.*, xxvi, p. 1488, (1862).

Anisodes (P) *pyriniata*, Walker, *loc. cit.* xxvi, p. 1582, (1862).

Homodes thermesioides, Snellen, Tijd. Voor. Ent., vol. xx, p. 28, pl. 2, fig. 15, (1877).

Sonagara scitaria, Moore, Lep. Ceyl. iii, p. 206, pl. 175, figs. 1, 1a, (1885).

Collection Swinhoe, Bombay, Rangoon.

Also recorded from Sikkim, South India, Andaman Islands, and Ceylon.

2812. SONAGARA STRIGIPENNIS.

Sonagara strigipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 180, (1882).

Sikkim.

2813. SONAGARA STRIGOSA.

Sonagara strigosa, Moore, Descr. Ind. Lep. Atk. ii, p. 180, pl. 5, fig. 17, (1882).

Calcutta.

Allied to *S. reticulata*.

2814. SONAGARA VIALIS.

Sonagara vialis, Moore, Proc. Zool. Soc. Lond. 1883, p. 27, pl. 6, fig. 9.

Himalayas.

Allied to *S. strigipennis*.

Genus **AZAZIA**.

2815. AZAZIA RUBRICANS.

Ophiura rubricans, Boisd., Faun. Lep. Mad., p. 106, pl. 16, fig. 1, (1814).*

Thermesia rubricans, Guén., Noct. iii, p. 356, 1827, (1852) *

Azazia rubricans, Walker, Cat. Lep. Het. B. M., xv, p. 1576, (1858).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 78; and 1877, p. 611.

————— Butler, Ann. Mag. N. H. (5), 5, p. 225, (1880).

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522; and 1885, p. 468.

————— Moore, Lep. Ceyl. iii, p. 204, pl. 173, figs. 3, 3a, (1885).

Thermesia transducta, Walker, *loc. cit.* xxxiii, p. 1058, (1865).

Thermesia consuta, Walker, Char. Undescr. Lep. Het., p. 93, (1869).

I. M., Poona (Swinhoe), Sind (Murray and Swinhoe).

Collection Swinhoe, Sikkim, Solun, Karachi, Bombay, Poona, and Khendalla.

Also recorded from South Africa, Ceylon, Andaman Islands, Navigators Islands, and all parts of India.

Genus **Marmorinia**.

2816. **MARMORINIA SHIVULA.**

- Marmorinia shivula*, Guén., Noct. iii, 372, 1856, (1852).*
Moore, Proc. Zool. Soc. Lond. 1867, p. 78
Walker, Cat. Lep. Het. B. M., xv, p. 1598, (1858).
 Sylhet,

2817. **MARMORINIA SINGHA**

- Marmorinia singha*, Guén., Noct. iii, 372, 1855, (1852).*
Walker, Cat. Lep. Het. B. M., xv, p. 1578, (1858).
Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
 Sylhet.

Genus **Mecodina**.

2818. **MECODINA LANCEOLA.**

- Mecodina lanceola*, Guén., Noct. iii, 373, 1857, (1852).*
Walker, Cat. Lep. Het. B. M., xv, p. 1599, (1858).
Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
 Sylhet.

Genus **Singara**.

2819. **SINGARA DIVERSALIS.**

- Singara diversalis*, Walker, Cat. Lep. Het. B. M., xxxiii, 1113, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 78.
 Sylhet.

Genus **Fascellina**.

2820. **FASCELLINA CASTANEA.**

- Fascellina castanea*, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
 South Andaman Islands.
 Allied to *F. chromataria*.

2821. **FASCELLINA CHROMATARIA.**

- Fascellina chromataria*, Walker, Cat. Lep. Het. B. M., xx, p. 215, (1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 79.
 I. M., Andaman Islands (purchased), Sibsagar (Peal), Sikkim
 (Barnes; also purchased).
 Collection Swinhoe, Sylhet.

2822. **FASCELLINA VIRIDIS.**

- Fascellina viridis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 79, pl. 7, fig. 4.
 I. M., Sibsagar (Peal).
 Collection Swinhoe, Solun, Sylhet.

Genus *Pleurona*.2823. *PLEURONA FALCATA*.

Pleurona falcata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1564, (1866).
Moore, Proc. Zool. Soc. Lond. 1877, p. 612, pl. 60, fig. 6.
 Andaman Islands.

Genus *Geson*ia.2824. *GESONIA FLAVIFRONS*.

*Geson*ia *flavifrons*, Moore, Lep. Ceyl. iii, p. 552, pl. 214, fig. 8, (1887).
 Ceylon.

2825. *GESONIA GEMMA*.

*Geson*ia *gemma*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 469.
 I. M., Poona (Swinhoe).
 Collection Swinhoe, Poona.

2826. *GESONIA OBEDITALIS*.

*Geson*ia *obeditalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 75, (1858).
 -- Moore, Lep. Ceyl. iii, p. 213, (1885).
 Ceylon.

2827. *GESONIA SCITULA*.

Thermesia (?) *scitula*, Walker, Cat. Lep. Het. B. M., xxxv, p. 1973, ♀,
 (1866).
*Geson*ia *scitula*, Moore, Lep. Ceyl. iii, p. 213, pl. 174, fig. 6, (1885).
 South India, Ceylon.

2828. *GESONIA SECUNDALIS*.

*Geson*ia *secundalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 235, (1858).
Moore, Lep. Ceyl. iii, p. 212, (1885).
 Ceylon.

Genus *Macna*.2829. *MACNA POMALIS*.

Macna pomalis, Walker, Cat. Lep. Het. B. M., xvi, p. 78, (1858).
 Singapore.

Genus *Ugia*.2830. *UGIA DISJUNGENS*.

Ugia disjungens, Walker, Cat. Lep. Het. B. M., xv, p. 1861, (1858).
 Singapore.

Genus *Saroba*.2831. *SAROBA PUSTULIFERA*.

Saroba pustulifera, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1097, (1865).
 North India.

Genus **Obdora**.2832. **OBDORA NIGRILINEA.**

Obdora nigrilinea, Walker, Char. Undescr. Lep. Het., p. 95, (1869).
Benares.

Genus **Tamba**.2833. **TAMBA SUBMICACEA.**

Tamba submicacea, Walker, Char. Undescr. Lep. Het., p. 94, (1869).
Benares.

Genus **Zinna**.2834. **ZINNA NIGRIPALPIS.**

Zinna nigripalpis, Walker, Char. Undescr. Lep. Het., p. 96, (1869).
Benares.

Genus **Sarunga**.2835. **SARUNGA CALIDA.**

Sarunga calida, Walker, Char. Undescr. Lep. Het., p. 110, (1869).
Sylhet.

Genus **Doranaga**.2836. **DORANAGA APICALIS.**

Doranaga apicalis, Moore, Lep. Ceyl. iii, p. 553, pl. 214, fig. 7, (1887).
Ceylon.

2837. **DORANAGA STRIATURA.**

Doranaga striatura, Moore, Lep. Ceyl. iii, p. 553, pl. 214, fig. 11, (1887).
Ceylon.

GROUP DELTOIDES.

FAMILY PLATYDIDÆ.

Genus *Masca*.

2838. *MASCA ABACTALIS*.

Masca abactalis, Walker, Cat. Lep. Het. B. M., xvi, p. 9, (1858).
Singapore.

Genus *Episparis*.

2839. *EPISPARIS EXPRIMENS*.

Episparis exprimens, Walker, Trans. Ent. Soc. Lond. (3) i, p. 106,
(1862-64).
Cat. Lep. Het. B. M., xxxiii, p. 1032, (1865).
India.

2840. *EPISPARIS SEJUNCTALIS*.

Pradiota sejunctaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1572, (1866).
Episparis sejunctalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81.
Bengal.

2841. *EPISPARIS TORTUOSALIS*.

Episparis tortuosalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81, pl. 7,
fig. 5.
I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

2842. *EPISPARIS VARIALIS*.

Neviasca variatis, Walker, Cat. Lep. Het. B. M., xvi, p. 7, (1858).
Episparis variatis, Moore, Proc. Zool. Soc. Lond. 1867, p. 81; and 1877,
p. 611.
Lep. Ceyl. iii, p. 217, pl. 175, fig. 12, (1865).
Episparis signata, Walker, loc. cit., xxxiii, p. 1032, (1865).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470; and
(1886), p. 452.
Episparis davallia, Felder & R. Reise, Novara Lep., pl. 120, fig. 41,
p. (1873).
I. M., Calcutta, Andaman Islands. (purchased), Sikkim (purchased),
Ranchi (Irvine), Kulu (purchased).
Collection Swinhoe, Sikkim, Mhow, Poona, Bombay, Rangoon.
Also recorded from Ceylon.

Genus *Claterna*.2843. *CLATERNA CYDONIA*.

Phalena (Noctua) cydonia, Cram., Pap. Exot. i, pl. 22, fig. F, (1775).

Brotis cydoniaria, Hubn., Verz. Bek. Schmett., p. 303, 2926, (1816).*

Hermia sidonia, Guérin., Icon. Reg. Anim., pl. 90, fig. 5, ().*

Trigonia cydonialis, Guén., Delt. et Pyral., p. 12, (1854) *

Walker, Cat. Lep. Het. B. M., xvi, p. 4, (1858).

Focilla submemorans, Walker, loc. cit., xv, p. 1533, (1858).

Claterna exagens, Walker, loc. cit., xv, p. 1543, (1858).

Claterna cydonia, Moore, Lep. Ceyl. iii, p. 216, pl. 175, fig. 11, (1885).

Ceylon.

FAMILY HYPENIDÆ.

Genus *Dichromia*.2844. *DICHROMIA OROSIA*.

Phalena (Noctua) orosia, Cram., Pap. Exot. iii, pl. 275, fig. D, (1780).

Culymma orosia, Hubn., Verz. Bek. Schmett., p. 281, 2700, (1816).*

Dichromia orosialis, Guén., Delt. et Pyral., p. 18, No. 7, (1854).*

Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 81.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.

Dichromia orosia, Moore, Lep. Ceyl. iii, p. 220, pl. 176, figs. 1, 1a, (1885).

I. M., Sibsagar (Peal), Ceylon (Colombo Museum), Bangalore,
Barakur, Sikkim (purchased), Kulu (purchased).

Collection Swinhoe, Solun, Dharmasala, Poona, Ceylon.

2845. *DICHROMIA PULLATA*.

Dichromia pullata, Moore, Lep. Ceyl. iii, p. 221, pl. 176, fig. 4, (1885).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 470.

I. M., Matheran, (Swinhoe).

Collection Swinhoe, Bombay, Matheran, Lanaoli, Khandalla.

Also recorded from Ceylon.

2846. *DICHROMIA QUADRALIS*.

Dichromia quadralis, Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).

North India.

2847. *DICHROMIA TRIGONALIS*.

Dichromia trigonalis, Guén., Delt. et Pyral. 19, 8, (1854).*

Walker, Cat. Lep. Het. B. M., xvi, p. 14, (1858).

I. M., Sikkim (Swinhoe)

Collection Swinhoe, Solun, Maudi, Sikkim.

Also recorded from Nepal.

2848. *DICHROMIA TRIFLICALIS*.

Dichromia triflialis, Walker, Cat. Lep. Het. B. M., xvi, p. 16, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 81.

I. M., Buza (Moti Ram), North Khasi Hills, Shillong, Sikkim,
Cherrapunji.

Genus *Talapa*.2849. *TALAPA CALIGINOSALIS*.

Remigia (P) *caliginosa*, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1017, (1865).

Talapa caliginosalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 82, pl. 7, fig. 6.

Collection Swinhoe, Sikkim.

Genus *Anoratha*.2850. *ANORATHA COSTALIS*.

Anorutha costalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 82, pl. 7, fig. 1, (not 9).

Collection Swinhoe, Sikkim.

2851. *ANORATHA PARITALIS*.

Hypena paritalis, Walker, Cat. Lep. Het. B. M., xvi, p. 65. (1853).

Anorathu paritalis, Moore, Lep. Ceyl. iii, p. 219, pl. 176, figs. 7, 7a, (1885).

Ceylon.

Genus *Corcobara*.2852. *CORCOBARA ANGULIPENNIS*.

Corcobara angulipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 186, pl. 6, fig. 16, (1882).

————— Lep. Ceyl. iii, p. 218, pl. 176, fig. 3, (1885).

Ceylon, Sikkim.

2853. *CORCOBARA THWAITESI*.

Corcobara thwaitesi, Moore, Lep. Ceyl. iii, p. 218, pl. 176, figs. 2, 2a ♂, 2b, (1885).

Ceylon.

Genus *Apanda*.2854. *APANDA DENTICULATA*.

Apanda denticulata, Moore, Descr. Ind. Lep. Atk. ii, p. 187, pl. 6, fig. 24, (1882).

Sikkim.

Genus *Harita*.2855. *HARITA RECTILINEA*.

Harita rectilinea, Moore, Descr. Ind. Lep. Atk. ii, p. 187, pl. 6, fig. 23, (1882).

Khasi Hills.

Genus *Mathura*.2856. *MATHURA ALBISIGNA*.

Mathura albisigna, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).

Cherrapunji.

Genus **Rhynchina**.2857. **RHYNCHINA ANGULIFASCIA.**

Rhynchina angulifascia, Moore, Descr. Ind. Lep. Atk. ii, p. 199, (1882).
Mussoorie, Cashmir.

2858. **RHYNCHINA PERVULGARIS.**

Rhynchina pervulgaris, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl.
28, fig. 5; and 1886, p. 452.
Collection Swinhoe, Mhow, Poona, Bombay.

2859. **RHYNCHINA PIONEALIS.**

Rhynchina pioncalis, Guén., Delt. et Pyral. 21, 10, (1854).*
Walker, Cat. Lep. Het. B. M., xvi, p. 18, (1859).
India.

2860. **RHYNCHINA XYLINA.**

Rhynchina xylina, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 452.
Collection Swinhoe, Mhow.

Genus **Hypena**.2861. **HYPENA ABDUCALIS.**

Hypena abducalis, Walker, Cat. Lep. Het. B. M., xvi, p. 66, (1858).
Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453.
I. M., Mhow (Swinhoe).
Collection Swinhoe, Solun, Umballa, Mhow.
Also recorded from Bengal.

2862. **HYPENA ABSIMILIS.**

Hypena absimilis, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).
Khasi Hills.
Allied to *H. occatus*.

2863. **HYPENA BASISTRIGALIS.**

Hypena basistrigalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.
I. M., Kulu (purchased).
Also recorded from Cherrapunji and Sikkim.

2864. **HYPENA BIANGULATA.**

Hypena biangulata, Moore, Lep. Ceyl. iii, p. 223, pl. 176, fig. 9, (1885).
Ceylon.

2865. **HYPENA CASTANEALIS.**

Hypena castanealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.
I. M., Sikkim.
Collection Swinhoe, Sikkim.

2866. *HYPENA CERVINALIS*.

Hypena cervinalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Kulu (purchased).

Collection Swinhoe, Sikkim.

2867. *HYPENA CIDARIOIDES*.

Hypena cidarioides, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).

Khasi Hills.

Allied to *H. tortuosa*.

2868. *HYPENA COGNATA*.

Hypena cognata, Moore, Lep. Ceyl. iii, p. 224, pl. 175, fig. 8, (1885).

Ceylon.

2869. *HYPENA COLOMBANA*.

Hypena colombana, Moore, Lep. Ceyl. iii, p. 223, pl. 176, fig. 8, (1885).

I. M., (?) Andaman Islands (purchased).

Also recorded from Ceylon.

2870. *HYPENA COSTINOTALIS*.

Hypena costinotalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

Collection Swinhoe, Sikkim.

2871. *HYPENA DENTILINEALIS*.

Hypena dentilinealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613, pl. 60, fig. 7.

I. M., Andaman Islands (purchased).

2872. *HYPENA DETERSALIS*.

Hypena detersalis, Walker, Cat. Lep. Het. B. M., xvi, p. 232, (1859).

Moore, Lep. Ceyl. iii, p. 226, (1885).

Ceylon.

2873. *HYPENA DIVARICATA*.

Hypena divaricata, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).

Khasi Hills, Sikkim.

Allied to *H. labatalis*.

2874. *HYPENA DIVISALIS*.

Hypena divisalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.

I. M., Sikkim.

2875. *HYPENA* (?) *ELONGALIS*.*Phalena elongalis*, Fabr., Syst. Gloss. 221, 345.**Hypena* (?) *elongalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).
Tranquebar.2876. *HYPENA* *EXTENSA*.*Hypena externa*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1139, (1865).
Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

Sikkim.

2877. *HYPENA* *EXTERNA**Hypena extensa*, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
Sikkim.2878. *HYPENA* *FLEXUOSA*.*Hypena flexuosa*, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
Collection Swinhoe, Sikkim.2879. *HYPENA* (?) *GEMINA*.*Hyblæa gemina*, Fabr., Syst. Gloss. 128, 6**Hypena* (?) *geminalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).
India.2880. *HYPENA* *GRISEIPENNIS*.*Hypena griseipennis*, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
Cherrapunji.
Allied to *H. laceratalis* and *H. ignotalis*.2881. *HYPENA* *ICONICALIS*.*Hypena iconicalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 61, (1858).
Moore, Lep. Ceyl. iii, p. 225, pl. 175, fig. 9, (1885).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.I. M., Andaman Islands (purchased), Sibesar (Peal).
Collection Swinhoe, Bombay, Nilgiri Hills.
Also recorded from Ceylon and Java.2882. *HYPENA* *IGNOTALIS*.*Hypena ignotalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 60, (1858).
North India.2883. *HYPENA* *INCURVATA*.*Hyena incurvata*, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).
Khasi Hills.
Allied to *H. abducalis*.

2884. *HYPENA INDICALIS*.

Hypena indicalis, Guén., Delt. et Pyral. 31, 25, (1854).*
Walker, Cat. Lep. Het. B. M., xvi, p. 55, (1858).
 Collection Swinhoe, Sikkim.

2885. *HYPENA INEFFECTALIS*.

Hypena ineffectalis, Walker, Cat. Lep. Het. B. M., xvi, p. 85, (1858).
Moore, Lep. Ceyl. iii, p. 228, (1885).
 Collection Swinhoe, Travancore, Bombay.
 Also recorded from Ceylon.

2886. *HYPENA JOCOSALIS*.

Hypena jocosalis, Walker, Cat. Lep. Het. B. M., xvi, p. 57, (1858).
Moore, Lep. Ceyl. iii, p. 223, (1885).
 Ceylon.

2887. *HYPENA LABATALIS*.

Hypena labatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 66, (1858).
Moore, Lep. Ceyl. iii, p. 225, pl. 176, fig. 6, (1885).
 Ceylon.

2888. *HYPENA LACERATALIS*.

Hypena laceratalis, Walker, Cat. Lep. Het. B. M., xvi, p. 60, (1858).
Butler, Ann. Mag. N. H. (5), v, p. 225, (1880).
Moore, Lep. Ceyl. iii, p. 224, pl. 176, figs. 5, 5a, (1885).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.
 I. M., Karachi (Swinhoe and Murray), Kulu (purchased).
 Collection Swinhoe, Karachi, Poona, Bombay.
 Also recorded from Ceylon.
 Closely allied to *H. ignotalis*.

2889. *HYPENA LACESSALIS*.

Hypena laccessalis, Walker, Cat. Lep. Het. B. M., xvi, p. 59, (1858).
Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
 I. M., Sikkim.
 Collection Swinhoe, Sikkim.

2890. *HYPENA LÆSALIS*.

Hypeno læsalis, Walker, Cat. Lep. Het. B. M., xvi, p. 62, (1858).
Moore, Lep. Ceyl. iii, p. 224, pl. 175, fig. 10, (1885).
 India, Ceylon.

2891. *HYPENA LATIVITTA*.

Hypena lativitta, Moore, Descr. Ind. Lep. Atk. ii, p. 190, (1882).
 Collection Swinhoe, Sikkim.
 Allied to *H. tenebralis*.

2892. *HYPENA LIGNEALIS*.

Hypena lignealis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1138, (1865).
 —Moore, Lep. Ceyl. iii, p. 226, (1885).

Ceylon.

2893. *HYPENA LONGIPENNIS*.

Hypena longipennis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1139 (1865);
 and xxxv, p. 1976, (1866).
 —Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

I. M., Nilgiri Hills (Swinhoe).

Collection Swinhoe, Sikkim, Nilgiri Hills.

2894. *HYPENA MANDATALIS*.

Hypena mandatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 58, (1858).
 —Moore, Lep. Ceyl. iii, p. 225, (1885)
 —Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2895. *HYPENA MASURIALIS*.

Hypena masuralis, Guén., Delt. et Pyral. 38, 40, (1854).^{*}
 —Walker, Cat. Lep. Het. B. M., xvi, p. 79, (1858).

Mussoorie.

2896. *HYPENA MEDIANA*.

Hypena mediana, Moore, Descr. Ind. Lep. Atk. ii, 1882, p. 189.
 Parisnath.

2897. *HYPENA MIMICALIS*.

Hypena mimicalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28,
 fig. 6.

Collection Swinhoe, Poona, Bombay, Bhuj coast.

2898. *HYPENA MODESTA*.

Hypena modesta, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

I. M., Andaman Islands (purchased).

Collection Swinhoe, Sikkim

Also recorded from Cherrapunji.

2899. *HYPENA MOLPUSALIS*.

Hypena molpusalis, Walker, Cat. Lep. Het. B. M., xix, p. 844, (1859).
 —Moore, Lep. Ceyl. iii, p. 222, (1885).

—Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.

Hypena subapicalis, Walker, *loc. cit.*, xxxiv, p. 1137, (1865).

Hypena sparsalis, Walker, *loc. cit.*, p. 1511.

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2900. *HYPENA NARRATALIS*.

Hypena narratalis, Walker, Cat. Lep. Het. B. M., xvi, p. 57, (1858).
I. M., Kulu (purchased).
Collection Swinhoe, Kasauli.

2901. *HYPENA OBDUCTALIS*.

Hypena obductalis, Walker, Cat. Lep. Het. B. M., xvi, p. 56, (1858).
Collection Swinhoe, Solun.

2902. *HYPENA OBSTUPIDALIS*.

Hypena obstupidalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471, pl. 28,
fig. 7.
I. M., Bombay and Khandalla (Swinhoe).
Collection Swinhoe, Poona, Bombay, Khandalla.
Allied to *H. ignotalis*.

2903. *HYPENA OCCATUS*.

Hypena occatus, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).
Cherrapunji, Khasi Hills.

2904. *HYPENA OCHREIPENNIS*.

Hypena ochreipennis, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).
Sikkim.
Allied to *H. proboscidialis*.

2905. *HYPENA OPHIUSOIDES*.

Hypena ophiusoides, Moore, Descr. Ind. Lep. Atk. ii, p. 189, (1882).
Khasi Hills.

2906. *HYPENA QUÆSITALIS*.

Hypena quæstitalis, Walker, Cat. Lep. Het. B. M., xvi, p. 58, (1858).
Moore, Lep. Ceyl. iii, p. 225, (1885).
Ceylon.

2907. *HYPENA QUINQUELINEALIS*.

Hypena quinquelinealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 612.
South Andaman Islands.

2908. *HYPENA PROBOSCIDALIS*.

Pyralis proboscidalis, Linn., Faun. Suec. 1346, (1761).
Syst. Nat. ii, p. 881, (1767).
Clerck, Icon, pl. 5, fig. 4 (1759).
Fabr., Sp. Ins. ii, p. 271, No. 173, (1781).
Mant. Ins. ii, p. 217, No. 270, (1787).
Wien., Verz 119, 1.*

HYPENA PROBOSCIDALIS—continued.

- _____ Sulz., Hist. Ins., pl. 23, fig. 6.*
 _____ Gmel., Ed. Syst. Nat. i, 5, 2520, 331.*
 _____ Hübn., Eur. Schmett, v, fig. 7.*
Phalæna rostralis, Berk., Syn. i, 146, (1795).*
Geometra proboscidalis, Treit., Syst. Nat. iii, 274.*
Phalæna lusalis, Fabr., Ent. Syst. iii, p. 221, No. 343, (1794).
Crambus proboscidentis, Fabr., Suppl., 465, 7.*
Crambus proboscidentis, Haw., Lep. Brit. 365, 1.*
Hypena proboscidalis, Treit., Schm., 22.*
 _____ Dup., Lep. France. 22, pl. 212, fig. 2.*
 _____ Steph., Ill. Brit. Haust. iv, 11, 1.*
 _____ Herr Schiäff., Schm. Eur. vi, 426.*
 _____ Guén., Delt. et Pyral, 30, 24, (1854)*.
 _____ Walker, Cat. Lep. Het. B. M., xvi, p. 24, (1858).

Collection Swinhoe, Solun.

Also recorded from Europe.

2909. HYPENA RECTIVITTALIS.

Hypena rectivittalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 84.
Bengal.

2910. HYPENA RHOMBOIDALIS.

Hypena rhomboidalis, Guén., Delt. et Pyral, 33, 29, (1854).*
Ceylon.

2911. HYPENA SIMILATA.

Hypena similata, Moore, Descr. Ind. Lep. Atk. ii, p. 102, (1882).
Khasi Hills, Calcutta.
Allied to *H. conicalis*.

2912. HYPENA SPECULALIS.

Hypena specularis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28,
fig. 8.
Bombay.

2913. HYPENA STIPATA.

Nanaguna (?) stipata, Walker, Cat. Lep. Het. B. M., xxvii, p. 85, (1863).
Hypena stipata, Moore, Lep. Ceyl. iii, p. 227, (1885).
Ceylon.

2914. HYPENA STRIGIFASCIA.

Hypena strigifascia, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).
Sikkim.

2915. HYPENA SURREPTALIS.

Hypena surreptalis, Walker, Cat. Lep. Het. B. M., xvi, iv, p. 84, (1858).
_____ Moore, Lep. Ceyl. iii, p. 226, (1885).
Ceylon.

2916. *HYPENA TATORHINA*.

Hypena tatorhina, Butler, Ill. Typ. Lep. Het. iii, p. 60, pl. 55, fig. 13, (1879).

Proc. Zool. Soc. Lond. 1886, p. 382.

I. M., Kulu (purchased).

Also recorded from Kalapani (Punjab).

2917. *HYPENA TENEBRALIS*.

Hypena tenebralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.

I. M., Sikkim (Swinhoe).

Collection Swinhoe, Sikkim.

2918. *HYPENA TORTUOSA*.

Hypena tortuosa, Moore, Descr. Ind. Lep. Atk. ii, p. 188, (1882).

Debra, Sikkim.

Allied to *H. jocosalis*.

2919. *HYPENA TRIANGULARIS*.

Hypena triangularis, Moore, Descr. Ind. Lep. Atk. ii, p. 191, (1882).

Khasi Hills.

2920. *HYPENA UMBRIPENNIS*.

Hypena umbripennis, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882).

Khasi Hills.

2921. *HYPENA UNDULALIS*.

Hypena undulalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1138, (1865).

India.

Allied to *H. abducalis*.

2922. *HYPENA VECORDIALIS*.

Hypena vecordialis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 10.

Collection Swinhoe, Bombay.

Genus *Bomolocha*.2923. *BOMOLOCHA VESTITA*.

Bomolocha vestita, Moore, Lep. Ceyl. iii, p. 221, pl. 176, fig. 10, (1885).

Hypena rhombus, Walker (nec Guén.), Cat. Lep. Het. B. M., xvi, p. 56, (1858).

Ceylon.

Genus *Nolasena*.2924. *NOLASENA FERRIFERVENS*.

Nolasena ferrifervens, Walker, Cat. Lep. Het. B. M., xii, p. 982, (1857).

Moore, Lep. Ceyl. iii, p. 230, pl. 177, fig. 9, (1885)

Ceylon.

Genus **Marapana**.2925. **MARAPANA INCONGRUALIS.**

Hypena incongrualis, Walker, Cat. Lep. Het. B. M., xvi, p. 232, (1858).
Marapana incongrualis, Moore, Lep. Ceyl. iii, p. 228, pl. 177, fig. 5,
 (1885).

Ceylon.

2926. **MARAPANA RARALIS.**

Hypena raralis, Walker, Cat. Lep. Het. B. M., xvi, p. 65, (1858).
Marapana raralis, Moore, Lep. Ceyl. iii, p. 227, (1885).

Ceylon.

Genus **Ophiuche**.2927. **OPHIUCHE CONSCITALIS.**

Hypena conscita Walker, Cat. Lep. Het. B. M., xxxiv, p. 1509, (1865).
 lis, Moore, Proc. Zool. Soc. Lond. 1867, p. 83.
Ophiuche conscitalis, Moore, Lep. Ceyl. iii, p. 228, pl. 175, fig. 4, (1885).
Hypena perna, Felder & R. Reise, Novara Lep., pl. 120, fig. 8, (1873).
 Bengal, Cherrapunji, Ceylon.

2928. **OPHIUCHE MISTACALIS.**

Herminia mistacalis, Guén., Delt. et Pyl., pp. 60, 69, (1854).
 Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).
Hypena pactalis, Walker, *loc. cit.*, xvi, p. 64, (1858).
Ophiuche mistacalis, Moore, Lep. Ceyl. iii, p. 229, pl. 175, fig. 6, (1885).
 India, Ceylon.

2929. **OPHIUCHE OBACERALIS.**

Hypena obaceralis, Walker, Cat. Lep. Het. B. M., xvi, p. 53, (1858).
Hypena obliquialis, Kollar, Hüg. Kasch. iv, p. 491, (1848).
Ophiuche obaceralis, Moore, Lep. Ceyl. iii, p. 229, pl. 175, fig. 5, (1885).
Hypena obaceralis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 471.
 I. M., Nilgiri Hills (Swinhoe).
 Collection Swinhoe, Bombay, Nilgiri Hills.
 Also recorded from Ceylon and South Africa.

FAMILY HERMINIIDÆ.

Genus **Bleptina**.2930. **BLEPTINA MOROSA.**

Bleptina morosa, Butler, Ill. Typ. Lep. Het. iii, p. 64, pl. 56, fig. 15, (1879).
 Proc. Zool. Soc. Lond. 1883, p. 163.

Collection Swinhoe, Solun.

Genus *Corgatha*.2931. *CORGATHA MINORALIS*.

Bleptina minoralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1164, (1865).
Corgatha minoralis, Moore, Lep. Ceyl. iii, p. 241, (1885).

Ceylon.

Allied to *C. omariusalis*.

2932. *CORGATHA OMARIUSALIS*.

Bleptina omariusalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 871, (1865).
Corgatha omariusalis, Moore, Lep. Ceyl. iii, p. 242, pl. 177, fig. 7, (1885).

Ceylon.

2933. *CORGATHA RENALIS*.

Corgatha renalis, Moore, Lep. Ceyl. iii, p. 242, pl. 177, fig. 3, (1885).

Ceylon.

2934. *CORGATHA ZONALIS*.

Corgatha zonalis, Walker, Cat. Lep. Het. B. M., xvi, p. 216, (1858).
 ———— Moore, Lep. Ceyl. iii, p. 241, (1885).

Ceylon.

Genus *Chusaris*.2935. *CHUSARIS PUNCTILINEALIS*.

Chusaris (P) *punctilinealis*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1175, (1865).

————— Moore, Lep. Ceyl. iii, p. 252, (1885).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 476.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

2936. *CHUSARIS RETATALIS*.

Chusaris retatalis, Walker, Cat. Lep. Het. B. M., xvi, p. 215, (1858).

————— Moore, Lep. Ceyl. iii, p. 252, (1885).

Bleptina spurcatalis, Walker, loc. cit. xxxiv, p. 1163, (1865).

Ceylon.

Genus *Luceria*.2937. *LUCERIA NOVATUSALIS*.

Luceria novatusalis, Walker, Cat. Lep. Het. B. M., xix, p. 854, (1859).

————— Moore, Lep. Ceyl. iii, p. 252, (1885).

Ceylon.

Genus *Ilyrgis*.2938. *ILYRGIS ECHEPHUREALIS*.

Ilyrgis echephurealis, Walker, Cat. Lep. Het. B. M., xix, p. 880, (1859).
 ———— Moore, Lep. Ceyl. iii, p. 243, (1885).

Ceylon.

Genus *Adrapsa*.2939. *ADRAPSA ABLUALIS*.

Adrapsa ablualis, Walker, Cat. Lep. Het. B. M., xvi, p. 170, and p. 246, (1858).

————— Moore, Lep. Ceyl. iii, p. 245, (1885).

India, Ceylon.

Genus *Imma*.2940. *IMMA RUGOSALIS*.

Imma rugosalis, Walker, Cat. Lep. Het. B. M., xvi, p. 195, (1858).

Imma bugosalis (sic), Moore, Lep. Ceyl. iii, p. 246, (1885).

Pingrasa accuralis, Walker, loc. cit., p. 227, ♀, (1858).

Ceylon.

Genus *Dragana*.2941. *DRAGANA PANSALIS*.

Dragana pansalis, Walker, Cat. Lep. Het. B. M., xvi, p. 200, (1858).

————— Moore, Lep. Ceyl. iii, p. 251, (1885).

Apphadana evulsalis, Walker, loc. cit., xxxiv, p. 1213, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

Poaphila concors, Walker, loc. cit., xxxv, p. 1969, (1866).

I. M., Andaman Islands (purchased), Mergui (Anderson).

Collection Swinhoe, Bombay, Travancore, and Poona.

Also recorded from Ceylon.

Genus *Lamida*.2942. *LAMIDA MONCUSALIS*.

Lamida moncusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 252, (1858).

Collection Swinhoe, Solun.

Genus *Apphadana*.2943. *APPHADANA FESTINA*.

Apphadana festina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 3.

I. M., Nilgiri Hills (Swinhoe).

Collection Swinhoe, Bombay, Nilgiri Hills.

2944. *APPHADANA MISERA*.

Apphadana (sic) *misera*, Butler, Proc. Zool. Soc. Lond. 1883, p. 166.

Apphadana misera, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453.

Collection Swinhoe, Mhow, Assingarh.

2945. APPHADANA NIGROFUSCA.

Apphadana nigrofusca, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 4.

Collection Swinhoe, Poona.

2946. APPHADANA RUBICUNDULA.

Apphadana rubicundula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig. 2.

Collection Swinhoe, Bombay.

2947. APPHADANA RUSTICULA.

Apphadana rusticula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474, pl. 28, fig. 1.

Collection Swinhoe, Poona.

Genus *Gabala*.

2948. GABALA POLYSPILALIS.

Gabala polyspilalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1221, (1865).

Collection Swinhoe, Bombay, Khandalla, Purundhur, Nilgiri Hills.

Genus *Orosa*.

2949. OROSA TORTRICOIDES.

Orosa tortricoides, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1223, (1865).
Moore, Lep. Ceyl. iii, p. 250, (1885).

Ceylon.

Genus *Herminia*.

2950. HERMINIA ALBIRENALIS.

Herminia albirenalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

Sikkim.

2951. HERMINIA (?) APIDANUSALIS.

Herminia (?) *apidanusalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 240, (1858).

North India.

2952. HERMINIA DIFFUSALIS.

Herminia diffusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 239, (1858).
Moore, Lep. Ceyl. iii, p. 231, (1885).

Ceylon.

2953. HERMINIA DUPLEXA.

Herminia duplexa, Moore, Descr. Ind. Lep. Atk. ii, p. 193, pl. 6, fig. 18, (1882).

Sikkim.

2954. *HERMINIA HADENALIS*.

Herminia hadenalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

I. M., Sibsagar (Peal).

Collection Swinhoe, Sikkim.

2955. *HERMINIA* (?) *LIMBOSALIS*.

Herminia (?) *limbosalis*, Guén., Delt. et Pyral., 59, 67, (1854).

Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1856).

India.

2956. *HERMINIA LINEOSA*.

Herminia lineosa, Moore, Descr. Ind. Lep. Atk. ii, p. 193, (1882).

Sikkim.

2957. *HERMINIA OCHRACEALIS*.

Herminia ochracealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 85.

Sikkim.

2958. *HERMINIA ORTHOSIANA*.

Herminia orthosiana, Swinhoe, Proc. Zool. Soc. Lond. 1885, pl. 473, p. 28,
fig. 15.

Collection Swinhoe, Bombay.

2959. *HERMINIA RESTRICTA*.

Herminia restricta, Moore, Descr. Ind. Lep. Atk. ii, p. 192, (1882)

Collection Swinhoe, Sikkim.

Allied to *H. hadenalis*.

2960. *HERMINIA STRIGA*.

Thalpocharis striga, Felder & R. Reise, Novara Lep., pl. 109, fig. 29,
(1872).

I. M., Kulu (purchased).

Collection Swinhoe, Solun, Kulu.

2961. *HERMINIA TIMONALIS*.

Herminia timonalis, Walker, Cat. Lep. Het. B. M., xvi, p. 239, (1856).

Moore, Lep. Ceyl. iii, p. 231, (1885).

Ceylon.

2962. *HERMINIA VELIFERA*.

Herminia velifera, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 473, pl. 28,
fig. 17.

Poona.

2963. *HERMINIA VIALIS*.

Herminia vialis, Moore, Deser. Ind. Lep. Atk. ii, p. 192, (1882).

Cherrapunji.

Allied to *H. kadenalis*.

Genus *Mastygophora*.

2964. *MASTYGOPHORA SCOPIGERALIS*.

(?) *Mastygophora scopigeralis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 80.

I. M., Sibsagar (Peal).

Collection Swinhoe, Sikkim.

Genus *Echana*.

2965. *ECHANA ABAVALIS*.

Echana abavalis, Walker, Cat. Lep. Het. B. M., xvi, p. 196, (1858).

Moore, Lep. Ceyl. iii, p. 241, pl. 177, fig. 10, (1885)

Collection Swinhoe, Khandalla.

Also recorded from Ceylon and Borneo.

2966. *ECHANA PLICALIS*.

Echana plicalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 86, pl. 7, fig. 7.

Collection Swinhoe, Sikkim.

Genus *Bibacta*.

2967. *BIBACTA TRUNCATA*.

Bibacta truncata, Moore, Deser. Ind. Lep. Atk. ii, p. 198, pl. 6, fig. 25, (1882).

India.

Genus *Madopa*.

2968. *MADOPA QUADRILINEATA*.

Madopa quadrilineata, Moore, Deser. Ind. Lep. Atk. ii, p. 193, (1882).

Collection Swinhoe, Sikkim.

Genus *Zanclognatha*.

2969. *ZANCLOGNATHA ERECTA*.

Zanclognatha erecta, Moore, Deser. Ind. Lep. Atk. ii, p. 193, (1882).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Sikkim.

Allied to *Z. (Paracolax) tarsiplumalis*, Hübn; and *Z. (Herminia) grisealis*, Treit., both of Europe.

2970. *ZANCLOGNATHA UNDULATA*.

Zanclognatha undulata, Moore, Deser. Ind. Lep. Atk. ii, p. 193 (1882).

Allied to *Z. erecta*.

Genus **Hydrillodes**.2971. **HYDRILLODES GRAVATALIS.**

- Bocana gravatalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 175, (1858).
Echana tennenti, Felder & R. Reise, Novara Lep., pl. 120, fig. 1, (1873).
Hydrillodes gravatalis, Moore, Lep. Ceyl. iii, p. 238, pl. 177, fig. 12,
 (1885).

Ceylon.

2972. **HYDRILLODES LENTALIS.**

- Hydrillodes lentalis*, Guén., Delt. et Pyral., p. 66, pl. 5, fig. 3, (1854).*
 ——— Walker, Cat. Lep. Het. B. M., xvi, p. 118, (1858).
 ——— Moore, Lep. Ceyl. iii, p. 237, pl. 177, fig. 11, (1885).
Catada (?) captiosalis, Walker, loc. cit. xvi, p. 210, (1858).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Poona, Khandalla, Bombay, Ceylon.

2973. **HYDRILLODES SUBBASALIS.**

- Hydrillodes subbasalis*, Moore, Proc. Zool. Soc. Lond. 1877, p. 613, pl. 60,
 fig. 8.

I. M., Andaman Islands (purchased).

2974. **HYDRILLODES TRANSVERSALIS.**

- Hydrillodes transversalis*, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

I. M., Andaman Islands (purchased).

Genus **Bertula**.2975. **BERTULA ABJUDICALIS.**

- Bertula abjudicalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 163, (1858).
 ——— Moore, Lep. Ceyl. iii, p. 239, (1885).
Bocana tumidalis, Walker, loc. cit. xvi, p. 176, (1858).

Collection Swinhoe, Ceylon.

2976. **BERTULA BREVIVITTALIS.**

- Bertula brevivittalis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Bengal.

2977. **BERTULA CHALYBEALIS.**

- Bertula chalybealis*, Moore, Proc. Zool. Soc., Lond. 1867, p. 87, pl. 7, fig. 8.

I. M., Sikkim.

2978. **BERTULA CONTINGENS.**

- Bertula contingens*, Walker, Cat. Lep. Het. B. M., xvi, p. 215, (1858).
 ——— Moore, Lep. Ceyl. iii, p. 240, (1885).

Ceylon.

2979. *BERTULA HISDONALIS*.*Bertula hisdonalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 164, (1858).

Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Sylhet.

2980. *BERTULA IMPARATALIS*.*Bertula imparatalis*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1168, (1865).

India.

2981. *BERTULA PLACIDA*.*Bertula placida*, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Sikkim.

Allied to *B. chalybealis*.2982. *BERTULA STIGMATALIS*.*Bertula stigmatalis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Bengal.

2983. *BERTULA THYRISALIS*.*Bertula thyrsalis*, Walker, Cat. Lep. Het. B. M., xvi, p. 167, (1858) & xix, p. 886, (1859).

Ceylon, Australia.

2984. *BERTULA VIALIS*.*Bertula vialis*, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Sikkim.

Genus *Nodaria*.2985. *NODARIA CINGALA*.*Nodaria cingala*, Moore, Lep. Ceyl. iii, p. 233, (1885).

Ceylon.

2986. *NODARIA EXTERNALIS*.*Nodaria externalis*, Guén., Delt. et Pyral, pp. 64, 78, (1854).*

Walker, Cat. Lep. Het. B. M., xvi, p. 118, (1858).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474, and 1886, p. 433.

I. M., Bombay and Poona (Swinhoe), Kulu (purchased).

Collection Swinhoe, Poona, Bombay, Mhow, Travancore, Nilgiri Hills.

Genus *Catada*.2987. *CATADA RENALIS*.*Bocana renalis*, Moore, Descr. Ind. Lep. Atk. ii, p. 194, (1882).

Cherrapunji, Khasi Hills.

Allied to *C. vagalis*.

2988. CATADA VAGALIS.

Bocana vagalis, Walker, Cat. Lep. Het. B. M., xvi, p. 172, (1858).

Catada glomeralis, Walker, loc. cit., xvi, p. 210, (1858).

Catada vagalis, Moore, Lep. Ceyl. iii, p. 246, (1885).

Collection Swinhoe, Travancore.

Also recorded from Ceylon and Borneo.

Genus **Hipoepa**.

2989. HIPOEPA FRACTALIS.

Herminia fractalis, Guén., Delt. et Pyral., p. 60, (1854).

Walker, Cat. Lep. Het. B. M., xvi, p. 114, (1858).

Bertula raptatalis, Walker, loc. cit., xvi, p. 161, (1858).

Hypoepa (sic) *fractalis*, Moore, Lep. Ceyl. iii, p. 235, (1885).

Hipoepa raptatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474.

Collection Swinhoe, Poona.

Also recorded from Ceylon.

2990. HIPOEPA LAPSA LIS.

Hipoepa lapsalis, Walker, Cat. Lep. Het. B. M., xvi, p. 188, (1858).

Moore, Lep. Ceyl. iii, p. 235, pl. 177, fig. 6, (1885).

Ceylon.

Genus **Hadennia**.

2991. HADENNIA ALBINOTALIS.

Bertula albinotalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.

Andaman Islands.

Allied to *H. mysalis* and *H. hypenalis*.

2992. HADENNIA HYPENALIS.

Bocana hypenalis, Walker, Cat. Lep. Het. B. M., xvi, p. 171, (1858).

Hadennia hypenalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2993. HADENNIA JUTALIS.

Bocana jutalis, Walker, Cat. Lep. Het. B. M., xvi, p. 172, (1858).

Hadennia jutalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2994. HADENNIA MYSA LIS.

Bertula mysalis, Walker, Cat. Lep. Het. B. M., xix, p. 886, (1859).

Hadennia mysalis, Moore, Lep. Ceyl. iii, p. 236, (1885).

Ceylon.

2995. HADENNIA PRUNOSA.

Hadennia prunosa, Moore, Lep. Ceyl. iii, p. 237, pl. 177, fig. 8, (1885).

Ceylon.

Genus *Bocana*.2996. *BOCANA BASALIS*.

Bocana basalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.
Bengal.

2997. *BOCANA DETERMINATA*.

Bithiasa determinata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1116, (1865).
Diomea repulsa, Walker, *loc. cit.* xxxiii, p. 899, (1865).
Bocana determinata, Moore, Lep. Ceyl. iii, p. 244, (1885).
Ceylon.

2998. *BOCANA* (?) *ERUBESCENS*.

Bocana (?) *crubescens*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1170, (1865).
South India.

2999. *BOCANA GEOMETROIDES*.

Lusia geometroides, Walker, Cat. Lep. Het. B. M., xiii, p. 1113, (1857).
Bocana geometroides, Moore, Lep. Ceyl. iii, p. 244, (1885).
Ceylon.

3000. *BOCANA MANIFESTALIS*.

Bocana manifestalis, Walker, Cat. Lep. Het. B. M., xvi, p. 171, ♀,
(1858).
——— Moore, Lep. Ceyl. iii, p. 243, (1885).
Lamura oberratalis, Walker, *loc. cit.* xvi, p. 189, ♂ (1858).
Ceylon.

3001. *BOCANA MARGINATA*.

Bocana marginata, Moore, Deser. Ind. Lep. Atk. ii, p. 195, pl. 6, fig. 19,
(1882).
Sikkim.
Allied to *B. schaldualis*, Walker, of Borneo.

3002. *BOCANA MURINALIS*.

Bocana murinalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
Bengal.

3003. *BOCANA PICTA*.

Bocana picta, Moore, Deser. Ind. Lep. Atk. ii, p. 195, pl. 6, fig. 21, (1882).
Khasi Hills.

3004. *BOCANA QUADRILINEALIS*.

Bocana quadrilinealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.
I. M., Sikkim, Sibsagar.

3005. *Bocana subapicalis*.

Bocana subapicalis, Moore, Lep. Ceyl. iii, p. 244, (1885).
Ceylon.

3006. *Bocana viridalis*.

Bocana viridalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 88.
I. M., Nilgiri Hills (Swinhoe).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Bengal.

Genus *Pantura*.3007. *Pantura ophiusalis*.

Bocana ophiusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 173, (1858).
Pantura ophiusalis, Moore, Lep. Ceyl. iii, p. 247, pl. 177, fig. 4, (1885).
Ceylon.

Genus *Byturna*.3008. *Byturna cucullata*.

Byturna cucullata, Moore, Lep. Ceyl. iii, p. 254, (1885).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 476.
Collection Swinhoe, Poona, Bombay.
Also recorded from Ceylon.

3009. *Byturna digramma*.

Bocana digramma, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1170, (1865).
Byturna digramma, Moore, Proc. Zool. Soc. Lond. 1883, p. 29.
Butler, Proc. Zool. Soc. Lond. 1883, p. 165.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522.
Moore, Lep. Ceyl. iii, p. 254, (1885).
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Mhow, Assirgarh.
Also recorded from Ceylon.

Genus *Avitta*.3010. *Avitta cervina*.

Briarda cervina, Walker, Cat. Lep. Het. B. M., xxxv, p. 1968, (1866).
Moore, Proc. Zool. Soc. Lond. 1867, p. 66.
Collection Swinhoe, Sikkim, Khandalla.

3011. *Avitta fasciosa*.

Avitta fasciosa, Moore, Lep. Atk. ii, p. 194, pl. 6, fig. 26, (1882).
Khasi Hills.

3012. *Avitta rufifrons*.

Avitta rufifrons, Moore, Lep. Ceyl. iii, p. 554, pl. 215, fig. 2, (1887).
Ceylon.

3013. *AVITTA SUBSIGNANS*.

Avitta subsignans, Walker, Cat. Lep. Het. B. M., xv, p. 1675, (1858).

I. M., Andaman Islands.

Collection Swinhoe, Andaman Islands, Bombay, Nilgiri Hills.

Also recorded from Kauara.

Genus *Labanda*.3014. *LABANDA ACHINE*.

Bocana achine, Felder & R. Reise, Novara iv, pl. 120, fig. 18, (1873).

Labanda achine, Moore, Lep. Ceyl. iii, p. 249, (1885).

Ceylon.

3015. *LABANDA CHLOROMELLA*.

Diomea chloromella, Walker, Cat. Lep. Het. B. M., xv, p. 1804, (1858).

Labanda herbeatus, Walker, loc. cit. xvii, p. 284, (1859).

Plotheia chloromella, Moore, Lep. Ceyl. iii, p. 111, (1885).

Labanda chloromella, Moore, loc. cit., p. 249, (1885).

Ceylon.

3016. *LABANDA MUSCOSA*.

Diomea muscosa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 898, (1865).

Labanda saturalis, Walker, loc. cit. xxxiv, p. 1251, (♂ only), (1865).

Labanda muscosa, Moore, Lep. Ceyl. iii, p. 248, (1885).

India, Ceylon.

3017. *LABANDA SATURALIS*.

Labanda saturalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1251, (1865),
(only).

India.

3018. *LABANDA SEMIPARS*.

Bryophila semipars, Walker, Cat. Lep. Het. B. M., xv, p. 1647, (1858).

Moore, Lep. Ceyl. iii, p. 3, (1884).

Bocana (P) pamphosalis, Walker, loc. cit. xix, p. 887, (1859).

Gerbatha latirincta, Walker, loc. cit. xxxiii, p. 913, (1865).

Labanda semipars, Moore, Lep. Ceyl. iii, p. 248, (1885).

Labanda pamphosalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 474; and
1886, p. 453.

I. M., Poona (Swinhoe).

Collection Swinhoe, Mhow, Travancore, Khandalla, Poona,
Sikkim.

Also recorded from Ceylon.

Genus *Cephena*.3019. *CEPHENA COSTATA*.

Cephena costata, Moore, Descr. Ind. Lep. Atk. ii, p. 196, pl. 6, fig. 17,
(1882).

Collection Swinhoe, Khasi Hills, Sikkim.

Genus *Asthala*.3020. *ASTHALA SILENEUSALIS*.

Bocana sileneusalis, Walker, Cat. Lep. Het. B. M., xvi, p. 179, (1858.)
Asthala sileneusalis, Moore, Descr. Ind. Lep. Atk. ii, p. 197, pl. 6, fig. 22,
 (1882).

Khasi Hills, Cherrapunji, Borneo.

Genus *Aginna*.3021. *AGINNA ROBUSTALIS*.

Herminia robustalis, Guén., Delt. et Pyral., pp. 58, 66, (1854).
 Walker, Cat. Lep. Het. B. M., xvi, p. 113, (1858).
Bocana turpatalis, Walker, loc. cit. xvi, p. 174, (1858).
Aginna turpatalis, Swinhoe, Trans. Ent. Soc. Lond. 1884, p. 353.
Aginna circumscripta, Swinhoe (nec Walker), Proc. Zool. Soc. Lond. 1885,
 p. 474.
Aginna robustalis, Moore, Lep. Ceyl. iii, p. 234, pl. 177, figs. 1, 1a, (1885).
 I. M., Poona, Bombay (Swinhoe).
 Collection Swinhoe, Quetta, Sikkim, Maudi, Jacobabad (Sind),
 Poona, Bombay, Ceylon.

3022. *AGINNA SIMILIS*.

Aginna similis, Moore, Descr. Ind. Lep. Atk. ii, p. 195, (1882).
 Sikkim.
 Allied to *A. robustalis*.

3023. *AGINNA SIMULATA*.

Aginna simulata, Moore, Descr. Ind. Lep. Atk. ii, p. 195, (1882).
 Bombay, Calcutta.
 Allied to *A. robustalis*.

Genus *Bematha*.3024. *BEMATHA EXTENSA*.

Bematha extensa, Walker, Cat. Lep. Het. B. M., xxxiii, p. 1 (95, (1865).
 North India.

Genus *Rivula*.3025. *RIVULA BIOCULALIS*.

Rivula bioculalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.
 Lep. Ceyl. iii, p. 253, (1885).
 Ceylon, Andaman Islands.

3026. *RIVULA FLAVONIGRA*.

Rivula flavonigra, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522, pl. 47, fig.
 15.
 I. M., Sind (Karachi Museum).
 Collection Swinhoe, Karachi, Kotree, Hyderabad, Bombay.

3027. *RIVULA OCULALIS*.

Rivula oculalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.
Andaman Islands.

3028. *RIVULA PALLIDA*.

Rivula pallida, Moore, Descr. Ind. Lep. Atk. ii, p. 197, (1882).
Calcutta.
Allied to *R. bioculalis*.

3029. *RIVULA SERICIALIS*.

Pyralis sericialis, Denis, Wien. Verz. 122, 18, (1775)*.
 _____ Fabr., Mém. Ins. ii, 218 983, (1787).
 _____ Ent. Syst. iii, 2, p. 226, No. 384, (1794).
 _____ Gmel., Ed. Syst. Nat. i, 5, 2521, 925*.
 _____ Hübn., Pyral., pl. 7, fig. 56*.
 _____ Haw., Lep. Brit. 381*.
 _____ Treit., Schmett, 125*.
Pyralis locana, (?) Fabr., Ent. Syst. iii, 2, 342, 2, (1794).
 _____ Donovan., Brit. Ins. x, 87, pl. 357, fig. 1*.
 _____ Treit., Syst. Nat. iii, 342*.
Metaxmesta sericealis, Hübn., Verz. Bek. Schmet. 352, 3364, (1816).
Margaritis sericealis, Steph., Ill. Brit. Haust. iv, 58, 27*.
Rivula limbata, Herr Schäff., Eur. Schmett, vi, 447, 5*.
Rivula sericealis, Dup., Lep. 45, pl. 219*.
 _____ Guén., Delt. et. Pyral. 48, 53*.
 _____ Walker, Cat. Lep. Het. B. M., xvi, p. 92, (1858).
 _____ Butler, Proc. Zool. Soc. Lond. 1891, p. 620.
 _____ Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 522.
 J. M., Karachi (Swinhoe)
 Collection Swinhoe, Karachi, Hyderabad.
 Also recorded from Europe.

Genus *Cyclopteryx*.3030. *CYCLOPTERYX CANALIFERALIS*.

Cyclopteryx canaliferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 613.
Andaman Islands.

Genus *Myana*.3031. *MYANA ATROMACULA*.

Myana atromacula, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48,
fig. 5.
Collection Swinhoe, Karachi.

3032. *MYANA SOPORA*.

Myana sopora, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 4.
Collection Swinhoe, Karachi, Hyderabad (Sind).

Genus **Pasira**.3033. **PASIRA** **ÆNIGMATICA**.

Pasira ænigmatica, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28,
fig. 11.

I. M. A specimen with no history.
Collection Swinhoe, Poona, Bombay.

3034. **PASIRA** **BIATOMEA**.

Pasira biatomea, Moore, Proc. Zool. Soc. Lond. 1883, p. 29.
Lep. Ceyl. iii, (1885).

Ceylon.

3035. **PASIRA** **INSCITIA**.

Pasira inscitia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 473.
Collection Swinhoe, Bombay.

3036. **PASIRA** **OCHRACEA**.

Pasira ochracea, Moore, Descr. Ind. Lep. Atk. ii, p. 197, (1882).
Calcutta.

3037. **PASIRA** **RENALIS**.

Pasira renalis, Moore, Lep. Ceyl. iii, p. 250, (1885).
Ceylon.

3038. **PASIRA** **RUSSA**.

Pasira russa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 472, pl. 28, fig. 13.
I. M. Bombay (Swinhoe).
Collection Swinhoe, Poona, Bombay.

Genus **Æthia**.3039. **ÆTHIA** **ALBICOSTA**.

Æthia albicosta, Moore, Lep. Ceyl. iii, p. 232, (1885).
Ceylon.

Genus **Nabartha**.3040. **NABARTHA** **MARGINATA**.

Nabartha marginata, Moore, Lep. Ceyl. iii, p. 234, pl. 177, fig. 2, (1885).
Ceylon.

Genus **Helia**.3041. **HELIA** **FIGURATA**.

Helia figurata, Moore, Lep. Ceyl. iii, p. 239, (1885).
Ceylon.

3042. *HELIA LUNIFERA*.

Helia lunifera, Moore, Lep. Ceyl. iii, p. 238, (1885).
Ceylon.

Genus *Spadix*.

3043. *SPADIX VEGETUS*.

Spadix vegetus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 475, pl. 28, fig.
14; and 1886, p. 453.

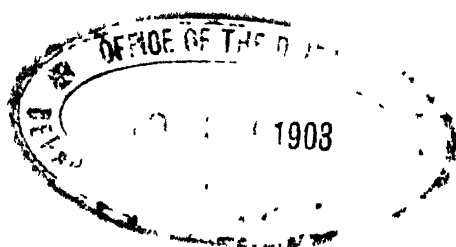
I. M., Mhow (Swinhoe).
Collection Swinhoe, Bombay, Mhow.

Genus *Asta*.

3044. *ASTA QUADRILINEA*.

Asta quadrilinea, Walker, Journ. Linn. Soc. Lond. vii, p. 171, (1864).
Cat. Lep. Het. B. M., xxxiii, p. 901, (1865).

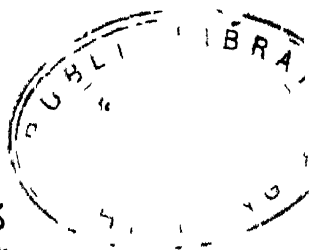
Collection Swinhoe, Bombay.
Also recorded from Borneo.



A
CATALOGUE
OF
THE MOTHS OF INDIA,

COMPILED BY
E. C. COTES,
FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM,
AND
COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.

Part IV.—GEOMETRITES.



CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1888.

GROUP GEOMETRITES.

FAMILY URANIIDÆ.

Genus **Nyctalemon**.

3045. NYCTALEMON NAJABULA.

Nyctalemon najabula, Moore, Proc. Zool. Soc. Lond. 1877, p. 620.

Butler, Proc. Zool. Soc. Lond. 1883, p. 169.

Lyssidia najabula, Westw., Trans. Zool. Soc. Lond. 1879, p. 526.

I. M., Andaman Islands.

Collection Swinhoe, Andaman Islands.

3046. NYCTALEMON PATROCLUS.

Papilio (*Eq. achiv.*) *patroclus*, Linn., Mus. Lud. Ulr., 204, (1764) *

Syst. Nat. ii, p. 749, No. 24, (1767).

Clerk, Icon., pl. 37, fig. 1, (1759).*

Fabr., Sp. Ins. ii, p. 13, No. 53, (1781).

Mant. Ins. ii, p. 7, No. 59, (1787).

D'Aubent, Miscell., pl. 17, figs. 1, 2 *

Oliv., Enc. Méth. Ins. Pap., pl. 8, fig. 1.*

Cram., Pap. Exot. iii, pl. 198, fig. A, (1779), pl. 109, figs. A, B, (1777).

Herbst., Pap., pl. 54, figs. 2, 3, pl. 55, fig. 1.

Gmel., Ed. Syst. Nat. 1, 5, 2236, 24.*

Noctua patroclus, Fabr., Ent. Syst. iii, 2, p. 8, No. 2, (1794).

Urania patroclus, Latr. et God., Enc. Méth. ix, 710, 5.*

Lam., Nat. Hist. Anim. Invert. iv, 194 *

Boisd., Voy. de l'Astrolabe, Pt. 1, Lep., p. 254, No. 2, (1832).

Lyssa achillaria, Hübn., Verz. Schmett., p. 289, 2808, (1816).

Lares, Heroicæ, Larundæ, Lyssæ, 2808, 2809.*

Lyssa patroclaria, Hübn., Verz. Schmett., p. 289, No. 2809, (1816)

Nyctalemon patroclus, Westw., Ed. Drury, 1, p. 13, pl. 7, fig. 1, pl. 8, fig. 1, (1837).*

Lucas, Bull. Soc. Ent. Fr (5), x, p. 53 (1880).

Walker, Cat. Lep. Het. B. M. i, p. 8, (1854).

Lyssidia patroclus, Westw., Trans. Zool. Soc. Lond. 1879, p. 526.

I. M., Sylhet.

Collection Swinhoe, Sylhet.

Also recorded from Java, the Moluccas, and China.

3047. NYCTALEMON ZAMPA.

Nyctalemon zampa, Butler, Ent. Mo. Mag. v, p. 273, (1868-69).

Moore, Journ. As. Soc. Beng., pt. ii, No. 3, p. 234, (1884).

Papilio patroclus, Drury (see Linn.), Ins. i, pls. 7-8, fig. 1, (1770).

I. M., Sylhet.

Collection Swinhoe, Assam.

FAMILY EROSIIDÆ.

Genus *Orudiza*.3048. *ORUDIZA PROTHECLARIA*.

Orudiza protheclaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 858, (1861).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Kanara.
 Also recorded from North India.

Genus *Dirades*.3049. *DIRADES ADJUTARIA*.

Doana adjutaria, Walok., Cat. Ceyl. Ins.*
Erosia adjutaria, Walker, Cat. Lep. Het., B. M. xxiii, p. 849, (1861).
Dirades adjutaria, Moore, Lep. Ceyl. iii, p. 400, pl. 186, fig. 9, (1887).
Erosia thielata, Guén., Phal. ii, p. 36, (1857).*
 ——— Walker, loc. cit. xxiii, p. 846.
 ——— Butler, Proc. Zool. Soc. Lond. 1883, p. 171.
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863.
Erosia verticaria, Felder & R. Reise, Novara, pl. 128, fig. 7, (1874).
 I. M., Khandalla.
 Collection Swinhoe, Solun, Karachi, Poona, Khandalla.
 Also recorded from Ceylon.

3050. *DIRADES BIDENS*.

Erosia bidens, Felder & R. Reise, Nov., pl. 128, fig. 38, ♀, (1874).
 Bengal.

3051. *DIRADES BINOTATA*.

Dirades binotata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1650, (1866).
 ——— Moore, Lep. Ceyl. iii, p. 399, pl. 186, fig. 7, ♀, (1887).
 Collection Swinhoe, Solun.
 Also recorded from Ceylon.

3052. *DIRADES CERVINARIA*.

Erosia cervinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.
 Bengal.

3053. *DIRADES CONCHIFERATA*.

Dirades conchiferata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, fig. 11, (1887).
 Collection Swinhoe, Bombay.
 Also recorded from Ceylon.

3054. *DIRADES CONIFERA*.

Dirades conifera, Moore, Lep. Ceyl. iii, p. 399, pl. 186, fig. 8, (1887).
 Ceylon.

3055. DIRADES FERRUGATA.

Dirades ferrugata, Walker, Cat. Lep. Het. B. M. xxv, p. 1661, (1866).
Moore, Lep. Ceyl. iii, p. 404, (1887).

Ceylon.

3056. DIRADES (?) FIGURARIA.

Erosia (?) *figuraria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 850, (1861).
Dirades figuraria, Moore, Lep. Ceyl. iii, p. 404, (1887).

Ceylon.

3057. DIRADES HIMALA.

Erosia himala, Butler, Ann. Nat. Hist. (5), vi, 1880, p. 221.
Ill. Typ. Lep. Het. B. M. vi, p. 47, pl. 112, fig. 9,
(1886).

Collection Swinhoe, Khasi Hills, Darjiling.

3058. DIRADES HYPERBOLICA.

Erosia hyperbolica, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528, pl. 48,
fig. 15.

I. M., Sibsaghar (Peal), Sikkim, Andaman Islands (De
Roepstorff).

Collection Swinhoe, Karachi.

3059. DIRADES IRRORATA.

Dirades irrorata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, fig. 10, (1887).

Ceylon.

3060. DIRADES LATIFASCIATA.

Dirades latifasciata, Moore, Lep. Ceyl. iii, p. 403, pl. 186, figs. 12, 12a,
b, (1887).

Ceylon.

3061. DIRADES LILACINA.

Dirades lilacina, Moore, Lep. Ceyl. iii, p. 402, pl. 186, fig. 4, (1887).

Ceylon.

3062. DIRADES MULTISTRIGARIA.

Dirades multistrigaria, Moore, Deser. Ind. Lep. Atk., p. 260, (1887).

Darjiling.

3063. DIRADES OBSCURARIA.

Dirades obscuraria, Moore, Lep. Ceyl. iii, p. 400, pl. 186, fig. 6, (1887).

Ceylon.

FAMILY EUSCHEMIDÆ.

Genus *Euschema*.8073. *EUSCHEMA* *ABRUPTA*.

Euschema abrupta, Walker, Trans. Ent. Soc. Lond., 3rd Ser. i, 70,
(1862-64).

————— Cat. Lep. Het. B. M., xxi, p. 172, (1864).
Assam.

3074. *EUSCHEMA* *ANDAMANA*.

Euschema andamana, Moore, Proc. Zool. Soc. Lond. 1877, p. 599.
————— Waterhouse, Aid, i, pl. xi, (1880-82).

I. M., Andaman Islands (purchased).
Collection Swinhoe, Andaman Islands.

3075. *EUSCHEMA* *ANDERSONI*.

Euschema andersoni, Moore, Journ. Linn. Soc. Lond. Zool. xxi, p. 56, (1886).
Mergui.

3076. *EUSCHEMA* *AURILIMBATA*.

Euschema aurilimbata, Moore, Proc. Zool. Soc. Lond., 1878, p. 846.
I. M., Mergui (Anderson).
Also recorded from Tenasserim.

3077. *EUSCHEMA* *BELLISSIMA*.

Euschema bellissima, Moore, Proc. Zool. Soc. Lond. 1879, p. 414
————— Lep. Ceyl. iii, p. 423, pl. 189, figs. 1, 1 α , δ , φ ,
(1887).

Ceylon.

Allied to *E. subrepleta* (Walker), from Borneo.

3078. *EUSCHEMA* *BELLONA*.

Euschema bellona, Walker, Cat. Lep. Het. B. M., ii, p. 405, (1854).
I. M., Mergui (Anderson).
Collection Swinhoe, Burma.

3079. *EUSCHEMA* *DISCALIS*.

Euschema discalis, Walker, Cat. Lep. Het. B. M., ii, p. 407, (1854).
————— Moore, Cat. Lep. Mus. E. I. C. ii, p. 333, (1859).

India, Penang.

3080. *EUSCHEMA* *EXCUBITOR*.

Euschema excubitor, Moore, Proc. Zool. Soc. Lond. 1878, p. 846.
————— Butler, Ann. Nat. H. (5) xvi, p. 347, (1885).

Assam, Tenasserim.

3081. *EUSCHEMA HORSFIELDI*.

Euschema horsfieldi, Moore, Cat. Lep. Mus. E. I. C. ii, p. 334, pl. 8a, fig. 7, (1859)

————— Proc. Zool. Soc. Lond. 1878, p. 846.

————— Journ. As. Soc. Beng., vol. 55, pt. ii, (1886), p. 100.

I. M., Tavoy (Moti Ram).

Also recorded from Tenasserim.

3082. *EUSCHEMA LUNULATA*.

Euschema lunulata, Butler, Ann. Nat. Hist., (5), xx, p. 375, (1882).

————— Mooie, Journ. As. Soc. Beng. vol. 55, pt. 2, No. 1, (1868), p. 100.

I. M., Nicobar Islands (De Niceville, also purchased), Tavoy (Moti Ram).

Also recorded from Tenasserim.

3083. *EUSCHEMA MALAYANA*.

Hazis malayanus, Guér., Delessert, Hist. Nat., p. 69, pl. 23, fig. 2, (1843).*

Euschema malayanus, Walker, Cat. Lep. Het. B. M., ii, p. 407, (1854).

Euschema malayana, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Kanara, Khandalla, Matheran.

Also recorded from Malay and Borneo.

3084. *EUSCHEMA MILITARIS*.

Phalæna militaris, Linn., Mus Lud. Utr. 375, (1761).

————— Syst. Nat. Edit. xii, ii, p. 811, No. 12, (1767).

————— Roës, Ins. iv., pl. 6, fig. 3.*

————— Gmel., Ed., Syst. Nat., i, 5, 2407, 12.*

————— D'Aubent, Miscell., pl. 67, fig. 1.*

Phalæna militaris, Cram., Pap. Exot. i, pl. 29, fig. B, (1775).

Bombyx militaris, Fab., Syst. Ent. p. 559, No. 12, (1775).

————— Sp. Ins. ii, p. 171, No. 22, (1781).

————— Mant. Ins. ii, p. 110, No. 25, (1787).*

————— Oliv., Enc. Meth. Ins. v. 32, 32, pl. 70, fig. 5.*

Euschema militaris, Walker, Cat. Lep. Het. B. M. ii, p. 405, (1854).

————— Hübner, Verz. Bek. Schmett. p. 175, No. 1803, (1816).

————— Butler, Ann. Nat. Hist. (5), xvi, (1885), p. 347.

————— Moore, Proc. Zool. Soc. Lond. 1878, p. 846.

————— Cat. Lep. Mus. E. I. C. ii, 333, (1859).

————— Journ. As. Soc. Beng., vol. 55, pt. 2, No. 1, (1866), p. 99.

Hazis militaris, Boisd., Voy. de l'Antrolabe, pt. i, Lep. 203, 1, (1832).

————— Feisthamel, Voy. de la Favorite, Suppl. 20.*

I. M., Sibsaghar, Shillong, Cachar, Mergui (Anderson), Cherrapunji, Sylhet, Naga Hills, Sikkim (purchased), Khasi Hills, Nancowry (purchased), Tavoy (Moti Ram).

Collection Swinhoe, Burma, Darjiling, Nicobar Islands, Andaman Islands, Matheran.

3085. *EUSCHEMA NIGRESCENS*.

Euschema nigrescens, Moore, Descr. Ind. Lep. Atk. i, p. 20, (1879).
Darjiling.

3086. *EUSCHEMA PALMYRA*.

Phalæna (Bombyx) palmyra, Stoll., Suppl. Cramer, Pap. Exot. v, p. 159,
pl. 36, fig. 1, (1791).

Euschema palmyra, Hübn., Verz. Schmett. p. 175, No. 1804, (1816).

Euschema palmyra, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Cystidia (P) palmyra, Walker, Cat. Lep. Het. B. M. ii, p. 342, (1854).

I. M., Matheran.

Collection Swinhoe, Wynaad, Calicut, Matheran, Khandalla.
Also recorded from Tranquebar.

3087. *EUSCHEMA PROBA*.

Euschema proba, Butler, Ann. Nat. Hist. (5), vi, p. 120, (1880).

— Ill. Typ. Lep. Het. B. M. vi, p. 48, pl. 113, fig. 2,
(1886).

Darjiling, Borneo.

3088. *EUSCHEMA PRUNICOLOR*.

Euschema prunicolor, Moore, Proc. Zool. Soc. Lond. 1879, p. 414.

— Lep. Ceyl. iii, p. 423, pl. 189, fig. 2, ♂,
(1887).

Ceylon.

3089. *EUSCHEMA SODALIS*.

Euschema sodalis, Moore, Journ. As. Soc. Beng. vol. 55, pt. ii, No. 1,
(1886), p. 99.

I. M., Tavoy and Buxa (Moti Ram), Sikkim (purchased; also
Barnes), Sibsaghar (Peal).

3090. *EUSCHEMA SUBREPLETA*.

Euschema subrepleta, Walker, Cat. Lep. Het. B. M. ii, p. 406, (1854).

I. M., Mergui (Anderson).

Also recorded from Ceylon and Borneo.

3091. *EUSCHEMA TRANSVERSA*.

Euschema transversa, Walker, Cat. Lep. Het. B. M. ii, p. 407, (1854).

— Moore, Cat. Lep. Mus. E. I. C., ii, p. 334, (1859).

— Lep. Ceyl. iii, p. 422, pl. 189, figs. 3, 3a,
(1887).

I. M., Sikkim (Atkinson).

Also recorded from Ceylon.

Genus *Cusuma*.3092. *CUSUMA LIMBATA*.*Cusuma limbata*, Moore, Proc. Zool. Soc. Lond. 1879, p. 415.

Lep. Ceyl. iii, p. 424, pl. 189, fig. 5, ♀, (1887).

Ceylon.

Allied to *C. vilis*.3093. *CUSUMA VILIS*.*Euschema vilis*, Walker, Cat. Lep. Het. E. M. ii, p. 408, (1854).*Cusuma vilis*, Moore, Proc. Zool. Soc. Lond. 1879, p. 415.

Lep. Ceyl. iii, p. 424, pl. 189, fig. 4, ♂, (1887).

Ceylon.

Genus *Milionia*.3094. *MILIONIA GLAUCA*.*Phalæna glauca*, Cramer, Pap. Exot. iv, pl. 338, fig. D, (1781).*Milionia glauca*, Walker, Cat. Lep. Het. B. M. ii, p. 365, (1854); and vii,
p. 1656, (1856).

Moore, Proc. Zool. Soc. Lond. 1867, p. 678.*Epidesma pyrrho*, Hübn., Verz. Bek. Schmett, p. 176, No. 1821, (1816).

Collection Swinhoe, Tenasserim.

Also recorded from Amboina.

3095. *MILIONIA LATIVITTA*.*Milionia lativitta*, Moore, Proc. Zool. Soc. Lond., 1872, p. 570.

Sikkim.

3096. *MILIONIA PULCHRINERVIS*.*Milionia pulchrinervis*, Felder & R. Reiser, Novara, pl. 104, fig. 6, ♀,
(1868).

Sikkim.

3097. *MILIONIA PYROZONIS*.*Milionia pyrozonis*, Butler, Ann. Nat. Hist. (5), x, (1882), p. 375.

Moore, Journ. As. Soc. Beng., vol. 55, pt. ii, No. 1,
(1886), p. 97.

I. M., Tavoy (Moti Ram).

Collection Swinhoe, Sikkim.

3098. *MILIONIA ZONEA*.*Milionia zona*, Moore, Proc. Zool. Soc. Lond., 1872, p. 569.

Journ. As. Soc. Beng., vol. 55, pt. ii, No. 3, (1884),
p. 234.I. M., Sikkim (purchased; also Barnes), Sibsaghar, Cachar
(Wood-Mason).Allied to *M. pyrozonis*.

Genus *Celerena*.3099. *CELERENA ANDAMANA*.

Celerena andamana, Felder & R. Reine, Novara Lep. iv, pl. 130, fig. 18,
♂, (1874).

————— (P) Moore, Proc. Zool. Soc. Lond., 1877, p. 600.

————— Butler, Proc. Zool. Soc. Lond., 1883, p. 168.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Tenasserim, Andaman Islands.

3100. *CELERENA DIVISA*.

Celerena divisa, Walker, Trans. Ent. Soc. Lond., 3rd ser. i, 72, (1862-64).

————— Cat. Lep. Het. B. M. xxxi., p. 166, (1864).

————— Butler, Ill. Typ. Het. B. M. vi, p. 48, pl. 113, fig. i,
(1886).

I. M., Sibsaghar, (Peal), Sikkim (Barnes).

Collection Swinhoe, Darjiling.

Genus *Panæthia*.3101. *PANÆTHIA IRIDICOLOR*.

Panæthia iridicolor, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 227.

————— Ill. Typ. Het. B. M. vi, p. 49, pl. 113, fig. 3,
(1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

FAMILY URAPTERYDÆ.

Genus *Urapteryx*.3102. *URAPTERYX EBULEATA*.

Urapteryx ebuleata, Guén., Phal i, p. 32, 7, (1857).*

————— Walker, Cat. Lep. Het. B. M. xx, p. 12, (1860).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.

————— Butler, Trans. Linn. Soc. Lond. 1883, p. 199.

Urapteryx sambucaria (var.), Koll., Hüg. Kasch. vol. iv, p. 483, (1848).

Urapteryx kantalaria, Felder & R. Reise, Novara, pl. 122, fig. 3, ♂,
(1873).

Kashmir, Sikkim.

3103. *URAPTERYX CLARA*.

Urapteryx clara, Butler, Ann. Nat. Hist. (5), vi, p. 120, (1880).

————— Journ. Linn. Soc. Lond., 1883, p. 199.

————— Ill. Typ. Lep. Het. B. M. vi, p. 50, pl. 113, fig.
6, (1886).

N.-E. Himalayas.

Allied to *U. multistrigaria*.

3104. URAPTERYX (?) FALCATARIA.

Urapteryx (P) *falcataria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 613.
Darjiling.

3105. URAPTERYX MARGARITATA.

Urapteryx margaritata, Moore, Proc. Zool. Soc. Lond. 1867, p. 612.
Bengal.

3106. URAPTERYX MULTISTRIGARIA.

Urapteryx multistrigaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1635,
(1866).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.

————— Butler, Journ. Linn. Soc. Lond., 1883, p. 198.

I. M., Kulu (Young), Shillong, Darjiling, N. Khasi Hills,
Simla.

Collection Swinhoe, Pangi, Solun.

Allied to *U. ebuleata*.

3107. URAPTERYX PICTICAUDATA.

Urapteryx picticaudata, Walker, Cat. Lep. Het. B. M. xx, p. 12, (1860),
and xxxv, p. 1535, (1866).

Urapteryx sciticaudaria, Walker, loc. cit. xxvi, p. 1480, (1862).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612.

————— Butler, Journ. Linn. Soc. Lond. 1883, p. 198.

————— Ill. Typ. Lep. Het. B. M. vi, p. 50,
pl. 113, fig. 5, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Also recorded from Borneo.

Allied to *U. ebuleata*.

3108. URAPTERYX PODALIRIATA.

Urapteryx podalirata, Guén., Phal i, p. 32, (1857) *

————— Walker, Cat. Lep. Het. B. M. xx, p. 12, (1860).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 612, and
1878, p. 850.

————— Butler, Journ. Linn. Soc. Lond. 1883, p. 199.

Sylhet, Moulmein, Tenasserim, Java.

3109. URAPTERYX PRIMULARIS.

Urapteryx primularis, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 49, pl.
113, fig. 4. (1886).

Urapteryx picticaudata, Butler (nec Walker), Journ. Linn. Soc. Lond.
xvii, p. 198, (1883).

Nepal, Darjiling.

3110. URAPTERYX QUADRIPUNCTATA.

Urapteryx quadripunctata, Moore, Proc. Zool. Soc. Lond. 1867, p. 613.
Bengal.

3111. URAPTERYX YERBURII.

Urapteryx yerburii, Butler, Proc. Zool. Soc. Lond., 1886, p. 388.

Collection Swinhoe, Thundiani (Punjab).

Also recorded from Murree.

Allied to *U. clara*.

Genus **Xerapteryx**.

3112. XERAPTERYX COLUMBICOLA.

Urapteryx columbicola, Walker, Cat. Lep. Het. B. M., xx, p. 11, (1860).

Xerapteryx columbicola, Butler, Journ. Linn. Soc. Lond. 1883, p. 203.

I. M., Sikkim (De Niceville).

Genus **Sirinopteryx**.

3113. SIRINOPTERYX RUFINCTATA.

Urapteryx rufinctata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1747, (1862), and xxxv, p. 1635, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 613.

Sirinopteryx rufinctata, Butler, Journ. Linn. Soc. Lond. 1883, p. 201.

I. M., Sikkim,

Collection Swinhoe, Darjiling.

Genus **Thinopteryx**.

3114. THINOPTERYX CROCOPTERATA.

Urapteryx crocoptera, Koll., Hüg. Kusch. iv, p. 483, (1848).

Urapteryx crocoptera, Guén., Phal. i, 29, (1857).*

Walker, Cat. Lep. Het. B. M. xx, p. 10, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 613, and 1877, p. 620.

Thinopteryx crocoptera, Butler, Journ. Linn. Soc. Lond. 1883, p. 202.

Moore, Journ. As. Soc. Beng., vol. 55, pt. ii, No. 1, (1886), p. 99.

I. M., Darjiling (purchased), Tavoy (Moti Ram), Cachar (Wood Mason), Sibsaghar (Peal) Sylhet, Kulu (Young).

Collection Swinhoe, Solun, Buxar, Darjiling.

3115. THINOPTERYX NEBULOSA.

Thinopteryx nebulosa, Butler, Journ. Linn. Soc. Lond., 1883, p. 203.

Ill. Typ. Lep. Het. B. M. vi, p. 51, pl. 113, fig. 8. (1886).

I. M., Sibsaghar (Peal).

Collection Swinhoe, Sikkim.

Allied to *T. crocoptera* and *T. prætoraria*.

3116. THINOPTERYX PRÆTORARIA.

Urapteryx prætoraria, Felder & R. Reise, Novara Lep. iv, pl. 122, fig. 13, ♂, (1879).

Thinopteryx prætoraria, Butler, Journ. Linn. Soc. Lond. 1883, p. 202.

Sylhet.

Genus *Æschropteryx*.3117. *ÆSCHROPTERYX TESTACEATA*.

Cherodes testaceata, Moore, Proc. Zool. Soc. Lond. 1867, p. 615.
Collection Swinhoe, Darjiling.

Genus *Euchera*.3118. *EUCHERA PITMANI*.

Euchera pitmani, Moore, Journ. As. Soc. Beng., vol. 55, pt. i, No. 2, p. 99,
(1886).

I. M., Tavoy (type Moti Ram).

3119. *EUCHERA SUBSTIGMARIA*.

Euchera substigmara, Hübn., Zutr. Exot. Sch. 29, 260, fig. 519, 520,
(1832).*

————— Moore, Proc. Zool. Soc. Lond., 1867, p. 613.
Cyclidia substigmara, Guén., Phal. i, p. 63, 76, (1857).*

————— Walker, Cat. Lep. Het., B. M., xv, p. 56, (1860),
and xxvi, p. 1482, (1862).

Abbraxas capitata, Walker, loc. cit. xxiv, p. 1121, (1862).

I. M., Sylhet, North Khasi Hills, Dunsiri, Silchar (Wood-
Mason), Shillong, Sikkim (purchased), Sibsaghar (Peal),
Buxar (Moti Ram), Kulu (Young), Mussoorie (Templeton).

Collection Swinhoe, Solun, Sylhet, Malda.

Also recorded from China.

Genus *Chorodna*.3120. *CHORODNA ADUMBRATA*.

Chorodna adumbrata, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).
Darjiling.

3121. *CHORODNA DECOLORATA*.

Cyclidia decolorata, Walker, Char. Undescr. Lep. Het. Lond. 1869, p. 96.
Benares.

3122. *CHORODNA EREBUSARIA*.

Chorodna erebusaria, Walker, Cat. Lep. Het. B. M., xxi, p. 314, (1860).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 613.

————— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 62, pl. 115,
fig. 9, (1886).

I. M., Shillong, Sikkim (purchased).

Collection Swinhoe, Darjiling.

3123. *CHORODNA METAPHÆARIA*.

Cyclidia metaphæaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1482, ♂,
(1862), & xxxv, p. 1536, (1866).

CHORODNA METAPHÆARIA—continued.

Chorodna metaphæaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 613.

Butler, Ill. Typ. Lep. Het. B. M., vi, p. 61, pl. 115,
fig. 8, (1886).

Erebomorpha semiclusaria, Walker, loc. cit. xxvi, p. 1552, ♂, (1862).

I. M., Sikkim (Barnes), Yunnan.

Collection Swinhoe, Darjiling.

3124. CHORODNA MURICOLARIA.

Cyclidia muricolaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1483, ♀,
(1862).

Chorodna muricclaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3125. CHORODNA PALLIDULARIA.

Chorodna pallidularia, Moore, Proc. Zool. Soc. Lond., 1867, p. 613.

I. M., Sibsaghar (Peal), Sikkim (purchased), Buxar (Moti Ram).

Collection Swinhoe, Darjiling.

3126. CHORODNA FLAGIDOTATA.

Cyclidia (?) plagidotata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1483, ♀,
(1862).

Chorodna plagidotata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3127. CHORODNA RECTATA.

Cyclidia rectata, Walker, Cat. Lep. Het. B. M. xxv, p. 1536, (1866).

Chorodna rectata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Darjiling.

3128. CHORODNA RECTIFICATA.

Nelcynda rectificata, Walker, Cat. Lep. Het. B. M., xxiv, p. 1142, (1862).

Moore, Proc. Zool. Soc. Lond., 1867, p. 651.

Cyclidia patulata, Walker, loc. cit., xxv, p. 1537, (1866).

Chorodna patulata, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

I. M., Sikkim (purchased, also Barnes).

Collection Swinhoe, Darjiling.

3129. CHORODNA VULPINARIA.

Chorodna vulpinaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 614.

Collection Swinhoe, Darjiling.

Genus *Dalima*.

3130. DALIMA APICATA.

Dalima apicata, Moore, Proc. Zool. Soc. Lond. 1867, p. 615, pl. 32, fig. 4.

I. M., Sikkim (purchased).

3131. DALIMA PATNARIA.

Dalima patnaria, Felder & R. Reiss, Novara, pl. 122, fig. 12, ♂, (1873).
Darjiling.

3132. DALIMA SCHISTACEARIA.

Dalima schistacearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 615.
I. M., Darjiling.

Genus **Kalabana**.

3133. KALABANA ALBIFERA.

Kalabana albifera, Moore, Proc. Zool. Soc. Lond., 1876, p. 415.
Kulu.

FAMILY ENNOMIDÆ.

Genus **Lagyra**.

3134. LAGYRA (?) ABSTRACTARIA.

Lagyra ? abstractaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1485, (1862).
India.

3135. LAGYRA HUMIFERATA.

Lagyra humiferata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1484, (1862).
South India.

3136. LAGYRA MEGASPILA.

Lagyra megaspila, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Bengal.

3137. LAGYRA RIGUSARIA.

Lagyra rigusaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1485, (1862).
Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Kanara.

3138. LAGYRA SUCCESSARIA.

Lagyra successaria, Walker, Cat. Lep. Het. B. M., xx, p. 60, ♀, (1860).
Chizala decipiens, Walker, loc. cit. xx, p. 263, ♂, (1860).
Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 852, and 1886,
p. 454.
I. M., Ranchi (Irvine), Poona (Swinhoe).
Collection Swinhoe, Poona, Mhow.

3139. *LAGYRA TALACA*.

Lagyra talaca, Walker, Cat. Lep. Het. B. M., xx, p. 59, (1860), ♀.

var. Walker, loc. cit. xxvi, p. 1484, ♀, (1862).

Moore, Lep. Ceyl. iii, p. 392, pl. 185, figs. 1, 1a, 1b, (1886).

Chizala deceptatura, Walker, loc. cit., xx, p. 264, ♂, (1860).

Lagyra bombycaria, Walker, loc. cit., xxv, p. 1539, ♂, (1866).

I. M., Cachar (Wood-Mason), Sibsaghar (Peal), Buxar (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Sikkim, Ceylon, Poona.

Also recorded from Celebes and the Philippine Islands.

Genus *Drepanodes*.3140. *DREPANODES ARGENTILINEA*.

Drepanodes argentilinea, Moore, Proc. Zool. Soc. Lond. 1867, p. 617.

Bengal.

3141. *DREPANODES FENESTRARIA*.

Drepanodes fenestraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.

Bengal.

3142. *DREPANODES QUINARIA*.

Drepanodes quinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.

Bengal

3143. *DREPANODES TRILINEARIA*.

Drepanodes trilinearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 618.

Darjiling.

Genus *Caustoloma*.3144. *CAUSTOLOMA ACUTIPENNIS*.

Caustoloma acutipennis, Moore, Descr. Ind. Lep. Atk., p. 230, pl. 8, fig. 7, (1887).

Darjiling.

3145. *CAUSTOLOMA ENNOMOSARIA*.

Hyperythra ennomosaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1498, (1862).

Caustoloma ennomosaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 619.

Sikkim.

Genus *Hyperythra*.3146. *HYPERYTHRA ANGULIFASCIA*.

Hyperythra angulifascia, Moore, Proc. Zool. Soc. Lond., 1878, p. 851, pl. 53, fig. 11.

Tenasserim.

3147. *HYPERYTHRA ENNOMARIA*.*Hyperythra ennomaria*, Guén. Phal. i, 103, 187, (1857).*

Walker, Cat. Lep. Het. B. M. xx, p. 129, (1860).

Bengal.

3148. *HYPERYTHRA LUTEA*.*Phalena (Geometra) lutea*, Cram., Pap. Exot. iv, pl. 370, figs. C, D, (1781).*Hyperythra lutea*, Moore, Proc. Zool. Soc. Lond., 1877, p. 620.

Lep. Ceyl. iii, p. 393, pl. 185, figs. 6, 6a, (1886).

Hyperythra luteata, Moore, loc. cit., 1867, p. 619.*Phalena flavaria* (P), Fabr., Mant. Ins. ii, p. 187, No. 32, (1787).*Phalena flavata*, Fabr., Ent. Syst. iii, 2, p. 169, No. 145, (1794).

Gmel., Ed. Syst. Nat. i, 5, 2460, 659.*

Hyperythra limbolaria, Guén., Phal. i, 101, 153, pl. 3, figs. 3, 4, ♀, (1857).*

Walker, Cat. Lep. Het. B. M. xx, p. 127, (1860).

Moore, Proc. Zool. Soc. Lond., 1878, p. 851.

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 852.

Hyperythra penicillaria, Guén., Phal. i, 101, 154, (1857).**Aspilates susceptaria*, Walker, loc. cit. xxxv, p. 164, ♀, (1866).

I. M., Sikkim (Barnes), Sibsagar (Peal), Buxar (Moti Ram), Kulu (Young), Ranchi (Irvine), Bombay (Swinhoe).

Collection Swinhoe, Solun, Umballa, Campbellpur, Bombay, Poona.

Also recorded from Andaman Islands, Ceylon, Java, China and Africa.

3149. *HYPERYTHRA* (?) *NIGUZARIA*.*Hyperythra* (?) *niguzaria*, Walker Cat. Lep. Het. B. M., xx, p. 129, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Sylhet.

3150. *HYPERYTHRA PHANTASMA*.*Hyperythra phantasma*, Butler, Proc. Zool. Soc. Lond. 1881, p. 615, and 1886, p. 388.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, and 1885, p. 852.

Collection Swinhoe, Karachi.

3151. *HYPERYTHRA* (?) *RIOBEARIA*.*Hyperythra* (?) *riobearia*, Walker, Cat. Lep. Het. B. M. xx, p. 129, (1860).

Collection Swinhoe, Sikkim, Nilgiri Hills.

Also recorded from Nepal.

3152. *HYPERYTHRA SPURCATA*.*Hyperythra spurcatoria*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1498, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Collection Swinhoe, Darjiling.

3153. *HYPERYTHRA SWINHOEI*.*Hyperythra swinhoei*, Butler, Ann. Nat. Hist. (5) v, p. 223, (1880).*Proc. Zool. Soc. Lond.* 1881, p. 614, and 1883, p. 169.*Swinhoe, Proc. Zool. Soc. Lond.* 1884, p. 526, and 1886, p. 454.

Collection Swinhoe, Karachi, Mhow.

3154. *HYPERYTHRA TRILINEATA*.*Hyperythra trilineata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

Bengal.

3155. *HYPERYTHRA VITTICOSTATA*.*Hyperythra vitticostata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1497, (1862).*Moore, Proc. Zool. Soc. Lond.* 1867, p. 619.

Darjiling.

Genus *Angerona*.3156. *ANGERONA CESSARIA*.*Boarmia cessaria*, Walker, Cat. Lep. Het. B. M., xxi, p. 383, (1860).*Angerona cessaria*, Moore, Lep. Ceyl. iii, p. 390, pl. 185, figs. 7, 7a, ♂, ♀, (1886).*Angerona præclararia*, Walker, loc. cit. xxvi, p. 1499, (1862).

Ceylon, Kanara.

3157. *ANGERONA (?) CRÆSARIA*.*Melinoessa cræsaria*, Herr Schöff., Samm. Auss. Schmett. fig. 370, (1850-69).*Angerona (?) cræsaria*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1501, (1862).

Sylhet.

3158. *ANGERONA PALLICOSTARIA*.*Angerona pallicostaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus *Panisala*.3159. *PANISALA TRUNCATARIA*.*Panisala truncataria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

Bengal.

Genus *Eurymene*.3160. *EURYMENE INUSTARIA*.*Eurymene inustaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

Bengal.

Genus *Odontoptera*.

3161. ODONTOPTERA CHALYBEATA.

Odontoptera chalybeata, Moore, Proc. Zool. Soc. Lond., 1872, p. 580, pl. 34,
fig. 4.

I. M., Sikkim (purchased).

Allied to *O. discospilata*.

3162. ODONTOPTERA DISCOSPILATA.

Odontoptera discospilata, Moore, Proc. Zool. Soc. Lond., 1867, p. 621.

I. M., Sikkim (Barnes).

Collection Swinhoe, Sikkim.

Genus *Selenia*.

3163. SELENIA CALCEARIA.

Hyperythra calcearia, Walker, Cat. Lep. Het B M., xv, p. 132, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 619.

I. M., Kulu (Young).

Collection Swinhoe, Solun.

3164. SELENIA DECORATA.

Selenia decorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 621, pl. 32, fig. 9.

Collection Swinhoe, Darjiling.

3165. SELENIA DENTILINEATA.

Selenia dentilineata, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).

Darjiling.

Allied to *S. calcearia*.

Genus *Crocalis*.

3166. CROCALIS ANGULARIA.

Crocalis angularia, Moore, Proc. Zool. Soc. Lond., 1867, p. 622.

Collection Swinhoe, Kasaoli.

3167. CROCALIS BIVITTARIA.

Crocalis bivittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 622.

Bengal.

3168. CROCALIS KAMETARIA.

Colotois kametaria, Felder & R. Reise, Novara, pl. 123, fig. 28, ♂, (1873).

Himalayas, Rampur.

3169. CROCALIS LENTIGINOSARIA.

Crocalis lentiginosaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 622.

Bengal.

3170. *CROCALIS OBLIQUARIA*.

Crocalis obliquaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 622.
Bengal.

3171. *CROCALIS SIMILARIA*.

Crocalis similaria, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).
Darjiling.
Allied to *C. lentiginosaria*.

Genus *ENNOMOS*.3172. *ENNOMOS* (?) *SPILOTELARIA*.

Ennomos (?) *spilotelaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1519,
(1862).
South India.

3173. *ENNOMOS TESTACEARIA*.

Ennomos testacearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 623.
I. M., India.
Collection Swinhoe, Darjiling.

3174. *ENNOMOS VIRIDATA*.

Ennomos viridata, Moore, Proc. Zool. Soc. Lond. 1867, p. 623.
Bengal.

Genus *EPIONE*.3175. *EPIONE ADUSTATA*.

Epione adustata, Moore, Descr. Ind. Lep. Atk., p. 229, pl. 8, fig. 20, (1887).
Khasi Hills.

3176. *EPIONE GYNOPTERIDIA*.

Epione gynopteridia, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 123.
Ill. Typ. Lep. Het. B. M. vi, p. 51, pl. 114,
fig. 1, (1886).

North-East Himalayas.

3177. *EPIONE OBLIQUILINEA*.

Epione obliquilinea, Moore, Descr. Ind. Lep. Atk., p. 229, (1887).
Darjiling.

Genus *ENDROPIA*.3178. *ENDROPIA ALBIFRONS*.

Endropia albifrons, Moore, Descr. Ind. Lep. Atk., p. 229, (1887).
Darjiling.

3179. *ENDROPIA ANTICLEATA*.

Endropia anticlata, Moore, Descr. Ind. Lep. Atk., p. 229, (1837).
Darjiling.

3180. *ENDROPIA BASIPUNCTA*.

Endropia basipuncta, Moore, Proc. Zool. Soc. Lond., 1867, p. 621.
Collection Swinhoe, Darjiling.

3181. *ENDROPIA LUGENS*.

Endropia lugens, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.
Ill. Typ. Lep. Het. B. M. vi, p. 52, pl. 114, fig.
2, (1886).
Collection Swinhoe, Darjiling.

Genus *Gareus*.3182. *GAREUS COSTATUS*.

Gareus costatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 53, pl. 114, fig.
4, (1886).
I. M., Sikkim (purchased).

3183. *GAREUS CRUENTATUS*.

Gareus cruentatus, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.
Ill. Typ. Lep. Het. B. M., vi, p. 52, pl. 111,
fig. 3, (1886).
North-East Himalayas.
Closely allied to *G. (Endropia) mactans* of Japan.

3184. *GAREUS SPECULARIS*.

Gareus specularis, Moore, Proc. Zool. Soc. Lond. 1867, p. 623, pl. 32,
fig. 3.
Collection Swinhoe, Darjiling.

Genus *Lycimna*.3185. *LYCIMNA POLYMESATA*.

Lycimna polymesata, Walker, Cat. Lep. Het. B. M. xx, p. 215, (1860).
Moore, Proc. Zool. Soc. Lond., 1867, p. 624.
Sylhet.

Genus *Erebomorpha*.3186. *EREBOMORPHA FULGURARIA*.

Erebomorpha fulguraria, Walker, Cat. Lep. Het. B. M. xxi, p. 495,
(1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 624.
Butler, Ill. Typ. Lep. Het. B. M. vi, p. 55, pl.
120, fig. 2, (1886).
I. M., Sikkim (purchased).
Collection Swinhoe, Darjiling.

3187. *EREBOMORPHA FULGURITA*.

Erebomorpha fulgurita, Walker, Cat. Lep. Het. B. M. xxi, p. 495, (1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 624.

I. M., Sikkim (purchased, also Barnes).
 Collection Swinhoe, Sikkim.

3188. *EREBOMORPHA PRÆTEXTATA*.

Erebomorpha prætextata, Felder & R. Reise, Novara, pl. 126, fig. 16, ♂,
 (1874).
 Darjiling.

3189. *EREBOMORPHA XANTHOSOMA*.

Erebomorpha xanthosoma, Felder & R. Reise, Novara, pl. 126, fig. 17, ♂,
 (1874).
 Darjiling.

Genus *Orsonoba*.3190. *ORSONOBA CLELIA*.

Phalana clelia, Cram., Pap. Exot. iii, p. 172, pl. 288, figs. B, C, (1780).
Ayelena clelia, Walker, Cat. Lep. Het. B. M. xx, p. 195, (1860).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852.
Orsonoba clelia, Moore, Lep. Ceyl., iii, p. 395, pl. 187, fig. 2. ♀.
Gorodontis cleliaria, Hübner, Verz. Bek. Schmett., p. 287, (1818-25).
 Collection Swinhoe, Bombay.
 Also recorded from Australia and Ceylon.

3191. *ORSONOBA PALLIDA*.

Orsonoba pallida, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 125.
Ill. Typ. Lep. Het. B. M. vi, p. 53, pl. 114,
fig. 5, (1886).
 I. M., Sikkim (purchased).

3192. *ORSONOBA RAJACA*.

Orsonoba rajaca, Walker, Cat. Lep. Het. B. M. xx, p. 219, (1860).
Moore, Lep. Ceyl. iii, p. 395, pl. 187, figs. 1, 1a, b,
(1887).
 Ceylon.

Genus *Pyrinia*.3193. *PYRINIA MARTIATA*.

Crocopteryx martiata, Guén., Phal. i, 74, pl. 5, fig. 8, (1857).
Pyrinia martiata, Walker, Cat. Lep. Het. B. M. xx, p. 89, (1860).
 India, Borneo, Java.

3194. *PYRINIA PATALATA*.

Heterolocha patalata, Felder & R. Reise, Novara, pl. 132, figs. 9, 9a, ♂,
 (1874).
 Himalayas, Rampur.

3195. *PYRINIA PHENICOTÆNIATA*.

Aspilates phenicotæniata, Kollar, Hüg. Kasch. iv, p. 487, (1848).

Heterolocha phanico-tæniata, Felder & R. Reise, Novara, pl. 133, figs. 6, 6a, ♂, (1874).

(?) *Pyrinia phanico-tæniata*, Butler, Proc. Zool. Soc. Lond., 1886, p. 388.

I. M., Sibsaghar (Penl.).

Collection Swinhoe, Solun.

Genus *Scardamia*.3196. *SCARDAMIA METALLARIA*.

Scardamia metallaria, Guén., Phal. i, p. 89, 13a, (1861).

Walker, Cat. Lep. Het. B. M. xx, p. 112, (1860).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852.

Moore, Lep. Ceyl. iii, p. 391, pl. 185, fig. 2, ♂, (1886).

Laginia bractearia, Walker, loc. cit., xx, p. 245, (1860).

Scardamia taprobanes, Felder & R. Reise, Novara, v, pl. 123, fig. 2, (1873).

Collection Swinhoe, Solun, Travancore, Poona, Bombay.

Also recorded from Ceylon.

Genus *Venilia*.3197. *VENILIA HIMALAYICA*.

Ennomos himalayica, Koll., Hüg. Kasch. 485, (1848).

Venilia himalayata, Guén., Phal. i, 113, 174, (1857).

Walker, Cat. Lep. Het. E. M., xx, p. 141, (1860).

Collection Swinhoe, Solun, Darjiling.

Genus *Entomopteryx*.3198. *ENTOMOPTERYX AMPUTATA*.

Entomopteryx amputata, Guén., Phal. i, 171, 271, pl. 3, fig. 7, (1857).

Walker, Cat. Lep. Het. B. M., xx, p. 202, (1860).

India (?)

Genus *Caberodes*.3199. *CABERODES ACHROMARIA*.

Caberodes achromaria, Guén., Phal. i, 136, 211, (1857).

Walker, Cat. Lep. Het. B. M., xx, p. 171, (1860).

North India.

Genus *Pericallia*.3200. *PERICALLIA OLIVESCENS*.

Pericallia olivescens, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).

Darjiling.

3201. *PERICALLIA SIKKIMA*.

Pericallia sikkima, Moore, Descr. Ind. Lep. Atk., p. 228, (1887).

Darjiling.

Genus **Deva**.3202. **DEVA (?) INORNATA.**

Deva (?) inornata, Walker, Cat. Lep. Het. B. M., xxxiii, p. 848, (1865).
 I. M., Missouri (Templeton).
 Collection Swinhoe, Solun.

Genus **Peetula**.3203. **PEETULA EXANTHEMATA.**

Peetula exanthemata, Moore, Descr. Ind. Lep. Atk., p. 231, (1887).
 Darjiling.

FAMILY OXYDIDÆ.

Genus **Marcala**.3204. **MARCALA FLAVIFUSATA.**

Marcala flavifusata, Moore, Descr. Ind. Lep. Atk., p. 231, pl. 8, fig. 6,
 (1887).
 Darjiling.

3205. **MARCALA GALBULATA.**

Numeria galbulata, Felder & R. Reise, Novara, pl. 153, figs. 20, 20a, ♂,
 (1874).
Marcala galbulata, Moore, Lep. Ceyl. iii, p. 404, pl. 185, fig. 5, (1887).
 Collection Swinhoe, Ceylon.

3206. **MARCALA IGNIVORATA.**

Marcala ignivorata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1764, (1862).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.
 Cherrapunji.

3207. **MARCALA IRRORATA.**

Marcala irrorata, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).
 Darjiling.

3208. **MARCALA OBLIQUARIA.**

Marcala obliquaria, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).
 Darjiling.

3209. **MARCALA PLAGIATA.**

Geometra plagiata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1601, (1866).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
 Darjiling.

3210. *MARCALA SATURATARIA*.

Geometra saturataria, Walker, Cat. Lep. Het. B. M., xxii, p. 519, (1861).

Marcala saturataria, Moore, Lep. Ceyl. iii, p. 405, pl. 204, fig. 4, (1887).

I. M., Sibsaghar (Peal), Sikkim (purchased), Andaman Islands (purchased), Buxar (Moti Ram).

Collection Swinhoe, Sylhet, Sikkim, Buxar, Sibsaghar.

3211. *MARCALA SULPHURESCENS*.

Marcala sulphurescens, Moore, Lep. Ceyl. iii, p. 405, pl. 185, fig. 8, (1887).

Collection Swinhoe, Ceylon.

3212. *MARCALA USTA*.

Geometra usta, Walker, Cat. Lep. Het. B. M., xxxv, p. 1602, (1866).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Darjiling.

Genus *Oxydia*.

3213. *CXYDIA VULPINARIA*.

Oxydia vulpinaria, Moore, Descr. Ind. Lep. Atk., p. 232, (1887).

Darjiling.

Genus *Metoxydia*.

3214. *METOXYDIA CALAMINA*.

Oxydia calamina, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 121.

Metoxydia calamina, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 55, pl. 114, fig. 7, (1886).

Darjiling.

Genus *Phœnix*.

3215. *PHŒNIX IRIS*.

Phœnix iris, Butler, Ann. Nat. Hist. (1880), (5) vi, p. 122.

————— Ill. Typ. Lep. Het. B. M., vi, p. 57, pl. 114, fig. 11, (1886).

Collection Swinhoe, Sikkim.

Genus *Omiza*.

3216. *OMIZA AFFINIS*.

Omiza affinis, Moore, Proc. Zool. Soc. Lond. 1877, p. 621.

I. M., Andaman Islands (purchased).

Allied to *O. pachiaris*.

3217. *OMIZA PACHIARIA*.

Omiza pachiaris, Walker, Cat. Lep. Het. B. M. xx, p. 247, (1860) and xxvi, p. 1523, (1862).

OMIZA PACHIARIA—*continued*.

Omiza pachiaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 620.

Butler, Ill. Typ. Lep. Het. B. M., vi, p. 56, pl. 114, figs. 9 & 10, (1886).

I. M., Sikkim (purchased, also Barnes), Andaman Islands (purchased).

Collection Swinhoe, Darjiling, Kulu.

3218. OMIZA PATULARIA.

Omiza patularia, Walker, Cat. Lep. Het. B. M. xx, p. 247, (1860).

Collection Swinhoe, Solun, Sikkim.

3219. OMIZA SCHISTACEA.

Omiza schistacea, Moore, Proc. Zool. Soc. Lond. 1878, p. 851, pl. 53, fig. 12. Tenasserim.

Genus *Litbada*.

3220. LITBADA SERICEARIA.

Litbada sericearia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1571, (1866).

Moore, Proc. Zool. Soc. Lond., 1867, p. 624.

Litbada sericaria (sic), Butler, Ill. Typ. Lep. Het. B. M. vi, p. 54, pl. 113, fig. 7, (1886).

Sylhet.

Genus *Ellopia*.

3221. ELLOPIA PULCHRA.

Ellopia pulchra, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 124.

Ill. Typ. Lep. Het. B. M. vi, p. 56, pl. 114, fig. 8, (1886).

North-East Himalayas.

FAMILY ÆNOCHROMIDÆ.

Genus *Decetia*.

3222. DECETIA ABSTRACTARIA.

Decetia (P) *abstractaria*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1559, (1866).

India.

3223. DECETIA ARENOSA.

Decetia arenosa, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 121.

Ill. Typ. Lep. Het. B. M. vi, p. 58, pl. 113, fig. 9, (1886).

North-East Himalayas.

3224. DECETIA CAPETUSARIA.

Decetia capetusaria, Walker, Cat. Lep. Het. B. M. xx, p. 233, (1860).

Moore, Proc. Zool. Soc. Lond., 1867, p. 618.

Drepanodes (?) *circulitaria*, Walker, loc. cit. xxvi, p. 1489, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 617.

Sylhet.

3225. DECETIA LUNULIFERATA.

Decetia lunuliferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1522, (1862).

Kanara.

3226. DECETIA PALLIDA.

Decetia pallida, Moore, Descr. Ind. Lep. Atk., p. 232, pl. 8, fig. 1, (1887).

Calcutta.

3227. DECETIA RUFIFRONTATA.

Auzea rufifrontata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1487, (1862).

Decetia rufifrontata, Butler, Ill. Typ. Lep. Het. B. M. vi, pl. 113, fig. 10, (1886).

I. M., Sikkim (purchased, also De Niceville).

Collection Swinhoe, Sikkim.

3228. DECETIA SUBOBSCURATA.

Gynopteryx (?) *subobscurata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1495, (1862).

South India.

Genus **Noreia**.

3229. NOREIA AJAIA.

Timandra ajaia, Walker, Journ. Linn. Soc. Lond. Zool. iii, p. 195, (1859).

Noreia ajaia, Moore, Lep. Ceyl. iii, p. 406, pl. 185, fig. 3, (1887).

Noreia perdensata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1092, (1862).

Decetia posticata, Walker, loc. cit. xxxv, p. 1557, (1886).

Collection Swinhoe, North Kanara.

Also recorded from Ceylon, Singapore, Java.

3230. NOREIA CERVINARIA.

Noreia cervinaria, Moore, Descr. Ind. Lep. Atk., p. 233, (1887).

Darjiling.

3231. NOREIA FLAVA.

Noreia flava, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 2, (1887).

Darjiling.

3232. *NOREIA INAMATA*.

Acidalia inamata, Walker, Cat. Lep. Het. B. M. xxii, p. 755, (1861).

Noreia inamata, Moore, Lep. Ceyl. iii, p. 406, pl. 185, fig. 4, (1887).

Acidalia simplicifaria, Walker, loc. cit. xxiii, p. 793, (1861).

Noreia (?) *luciferata*, Walker, loc. cit. xxiv, p. 1093, (1862).

Ceylon.

3233. *NOREIA SERICEA*.

Noreia sericea, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 225.

Ill. Typ. Lep. Het. B. M. vi, p. 82, pl. 119, fig. 8, (1886).

I. M., Darjiling.

Collection Swinhoe, Darjiling.

Genus *Sarcinodes*.

3234. *SARCINODES EGROTA*.

Aurima restitutaria, var. *egrota*, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 125.

Sarcinodes egrota, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 60, pl. 115, figs. 3 & 4, (1886).

Darjiling.

3235. *SARCINODES EQUILINEARIA*.

Mergana equilinearia, Walker, Cat. Lep. Het. B. M. xxi, p. 292, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 624.

Sarcinodes equilinearia (sic), Butler, Ill. Typ. Lep. Het. B. M. vi, p. 60 pl. 115, figs. 5 & 6, (1886).

Aurima trilineata, Walker, loc. cit. xxxv, p. 1576, (1866).

I. M., Sikkim (purchased).

Collection Swinhoe, Sylhet, Sikkim.

3236. *SARCINODES CARNEARIA*.

Sarcinodes carnearia, Guén., Phal. i, 188, 291, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 285, (1860).

Rosenstock, Ann. Nat. Hist. (5), xiv, (1884), p. 64.

Mergana bilineata, Moore, Proc. Zool. Soc. Lond., 1867, p. 624.

Darjiling.

3237. *SARCINODES DEBITARIA*.

Aurima debitaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1527, (1862).

Mergana debitaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 624.

Sarcinodes debitaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 59, pl. 114, fig. 12, (1886).

I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling.

3238. *SARCINODES LILACINA*.

Sarcinodes lilacina, Moore, Descr. Ind. Lep. Atk., p. 234, (1867).

Cherrapunji.

3239. *SARCINODES RESTITUTARIA*.

Auzima restitutaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1527, (1862).

Mergana restitutaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 624.

Sarcinodes restitutaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 59, pl. 115, figs. 1 & 2, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus *Corotia*.3240. *COROTIA CERVINARIA*.

Corotia cervinaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 625, pl. 32, fig. 10.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Genus *Chilkasa*.3241. *CHILKASA FALCATA*.

Chilkasa falcata, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 853.

Collection Swinhoe, Bombay.

Genus *Auzea*.3242. *AUZEA APICATA*.

Auzea apicata, Moore, Proc. Zool. Soc. Lond., 1867, p. 617.

Bengal.

3243. *AUZEA RETICULATA*.

Auzea reticulata, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 3, (1887).

Darjiling.

3244. *AUZEA TORRIDARIA*.

Auzea torridaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 617.

Bengal.

Genus *Cimicodes*.3245. *CIMICODES CASTANEARIA*.

Cimicodes castanearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 616, pl. 32, fig. 1.

Collection Swinhoe, Darjiling.

3246. *CIMICODES COSTALIS*.

Cimicodes costalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.

Bengal.

3247. CIMICODES CRUENTARIA.

Cimicodes cruentaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 616.
Bengal.

3248. CIMICODES FLAVA.

Cimicodes flava, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 5, (1887).
Cherrapunji.

3249. CIMICODES SANGUIFLUA.

Cimicodes sanguiflua, Moore, Descr. Ind. Lep. Atk., p. 233, pl. 8, fig. 4,
(1887).
Cherrapunji.

FAMILY AMPHIDASYDÆ.

Genus *Amphidasys*.

3250. AMPHIDASYS BENGALIARIA.

Amphidasys bengaliaria, Guén., Phal. i, 210, 314, pl. 4, fig. 2, (1857).
Walker, Cat. Lep. Het. B. M. xxi, p. 308, (1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 625.
I. M., Shillong, Sylhet, Sikkim (purchased, also Barnes).

3251. AMPHIDASYS CLADONIA.

Amphidasys cladonia, Felder & R. Reise, Novara, pl. 125, fig. 13, ♀,
(1874).
Sylhet.

3252. AMPHIDASYS CONTECTARIA.

Amphidasys conlectaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1529,
(1862).
Butler, Ill. Typ. Lep. Het. B. M., p. 60, pl. 115,
fig. 7, (1886).
I. M., Shillong, Sikkim (purchased, also Barnes), Sylhet.
Collection Swinhoe, Solun, Darjiling.

3253. AMPHIDASYS REGALIS.

Amphidasys regalis, Moore, Descr. Ind. Lep. Atk., p. 234, (1887).
Darjiling.

Genus *Buzura*.

3254. BUZURA MULTIPUNCTARIA.

Buzura multipunctaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1531,
(1862).
Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

BUZURA MULTIPUNCTARIA—continued.

Buzura multipunctaria, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, (1884),
p. 237.

I. M., Cachar (Wood-Mason), Calcutta, Buxar (Moti Ram),
Sikkim (purchased, also Barnes), Sibsaghar (Peal).
Collection Swinhoe, Solun, Sylhet.

3255. BUZURA STRIGARIA.

Buzura strigaria, Moore, Proc. Zool. Soc. Lond. 1879, p. 416.

————— Lep. Ceyl. iii, p. 407, pl. 188, figs. 1, 1a, b, c,
(1887).

Ceylon.

Genus Cusiala.**3256. CUSIALA BOARMIOIDES.**

Cusiala boarmioides, Moore, Descr. Ind. Lep. Atl., p. 234, (1887).

Darjiling.

3257. CUSIALA DISTERMINATA.

Boarmia (?) *disterminata*, Walker, Cat. Lep. Het. B. M. xxi, p. 491, ♂,
(1860).

Cusiala disterminata, Moore, Lep. Ceyl. iii, p. 408, (1887).

Ceylon.

3258. CUSIALA RAPTARIA.

Boarmia raptaria, Walker, Cat. Lep. Het. B. M. xxi, p. 373, (1860).

Cusiala raptaria, Moore, Lep. Ceyl. iii, p. 408, (1887).

Ceylon.

3259. CUSIALA SUIASASA.

Boarmia suiasasa, Walker, Cat. Lep. Het. B. M. xxi, p. 373, ♂, (1860).

Cusiala suiasasa, Moore, Lep. Ceyl. iii, p. 407, (1887).

Ceylon.

FAMILY BOARMIDÆ.**Genus Medasina.****3260. MEDASINA CREATARIA.**

Hemerophila creataria, Guén., Phal. i, p. 217, 321, (1857).

————— Walker, Cat. Lep. Het. B. M. xxi, p. 318,
(1860).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 625,

I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling, Sibsaghar.

3261. *MEDASINA DISSIMILIS*.

Medasina dissimilis, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).
Darjiling.

3262. *MEDASINA FRATERCULA*.

Medasina fratercula, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.

3263. *MEDASINA INTERRUPTARIA*.

Hemerophila interruptaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3264. *MEDASINA MAURARIA*.

Hemerophila mauraria, Guén., Phal. i, p. 218, 323, (1887).

Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).

Moore, Zool. Soc. Lond., 1867, p. 625.

Felder & R. Reise, Novara, pl. 126, figs. 18,
 18a, ♂, 19, 19a, ♀,
 (1874).
Elphos (?) *parisnatei*, Walker, loc. cit. xxvi, p. 1545, (1862).
 I. M., Sikkim.
 Collection Swinhoe, Sylhet.

3265. *MEDASINA PERSIMILIS*.

Medasina persimilis, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.
Allied to *M. interruptaria*.

3266. *MEDASINA SIMILIS*.

Medasina similis, Moore, Descr. Ind. Lep. Atk., p. 235, (1887).
Darjiling.
Allied to *M. interruptaria*.

3267. *MEDASINA STRIXARIA*.

Hemerophila strixaria, Guén., Phal. i, 217, 312, (1887).

Walker, Cat. Lep. Het. B. M., xxi, p. 318, (1860).

Moore, Proc. Zool. Soc. Lond., 1867, p. 625.
Medasina strixaria, Moore, Lep. Ceyl. iii, p. 409, pl. 190 f. 1, 1a, ♂ &
 ♀, (1887).
 I. M., Sibsaghar (Peal).
 Collection Swinhoe, Sylhet.
 Also recorded from Ceylon.

3268. *MEDASINA VIRESCENS*.

Hemerophila virescens, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 126.

Ill. Typ. Lep. Het. B. M. vi, p. 62, pl. 116,
 fig. 1, (1886).
 I. M., Sikkim (purchased).

Genus **Menophra**.3269. **MENOPHRA, CANIDORSATA.**

Hemerophila canidorsata, Walker, Cat. Lep. Het. B. M., xxxv, p. 1578,
(1866).

Menophra canidorsata, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 6, (1887).
Collection Swinhoe, Ceylon.

3270. **MENOPHRA CONSPICUATA.**

Menophra conspicuata, Moore, Descr. Ind. Lep. Atk., p. 237, (1887).
Darjiling.

3271. **MENOPHRA DEFICIENS.**

Menophra deficiens, Moore, Descr. Ind. Lep. Atk., p. 237, pl. 8, fig. 23,
(1887).
Darjiling.

3272. **MENOPHRA IMBECILIS.**

Menophra imbecilis, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 7, ♀,
(1837)
Ceylon.

3273. **MENOPHRA PALLIDARIA.**

Menophra pallidaria, Moore, Descr. Ind. Lep. Atk., p. 237, (1887).
Darjiling.

3274. **MENOPHRA TORRIDARIA.**

Menophra torridaria, Moore, Descr. Ind. Lep. Atk., p. 237, pl. 8, fig. 27,
(1887).
Darjiling.

3275. **MENOPHRA VIALIS.**

Menophra (?) *vialis*, Moore, Descr. Ind. Lep. Atk., p. 238, pl. 8, fig. 9,
(1857).
Darjiling.

Genus **Hemerophila**.3276. **HEMEROPHILA ATROSTIPATA.**

Scotosia atrostipata, Walker, Cat. Lep. Het. B. M., xxv, p. 1354, (1862).
Moore, Proc. Zool. Soc. Lond. 1867, p. 656.

Hemerophila atrostipata, Moore, Proc. Zool. Soc. Lond. 1867, p. 627.

I. M., Sikkim.

Collection Swinhoe, Darjiling, Solun.

3277. **HEMEROPHILA BASISTRIGARIA.**

Hemerophila basistrigaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Collection Swinhoe, Darjiling.

3278. *HEMEROPHILA CUPREARIA*.

Hemerophila cuprearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3279. *HEMEROPHILA HUMERARIA*.

Hemerophila humeraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 627.
Bengal.

3280. *HEMEROPHILA JUGORUM*.

Hemerophila jugorum, Felder & R. Reise, Novara, pl. 126, fig. 2, ♀, (1874).
Himalayas, Khyelang.

3281. *HEMEROPHILA NIGROVITTATA*.

Hemerophila nigrovittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 626.
Bengal.

3282. *HEMEROPHILA OBJECTARIA*.

Boarmia objectaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1583, (1866).
Hemerophila objectaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 625.
Darjiling.

3283. *HEMEROPHILA RETRACTARIA*.

Hemerophila retractaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 627.
pl. 32, fig. 7.

I. M., Kulu.

Collection Swinhoe, Solun, Kulu.

3284. *HEMEROPHILA SUBPLAGIATA*.

Hemerophila subplagiata, Walker, Cat. Lep. Het. B. M. xxi, p. 319,
(1860).

Himalayas.

Genus *Calicha*.3285. *CALICHA RETRAHENS*.

Calicha retrahens, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).
Darjiling.

Genus *Xandrames*.3286. *XANDRAMES ALBOFASCIATA*.

Xandrames albofasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 636, pl.
32, fig. 5.

Collection Swinhoe, Solun.

3287. *XANDRAMES DHOLARIA*.

Xandrames dholaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 634.

I. M., Sikkim (purchased), Naga Hills.

Collection Swinhoe, Sikkim.

Genus *Pseudocoremia*.3288. *PSEUDOCOREMIA ALBIFERA*.

Pseudocoremia albifera, Moore, Descr. Ind. Lep. Atk., p. 241, (1887).

Darjiling.

3289. *PSEUDOCOREMIA IMBECILIS*.

Pseudocoremia imbecilis, Moore, Descr. Ind. Lep. Atk., p. 241, (1887).

Darjiling.

3290. *PSEUDOCOREMIA SEMIALBA*.

Pseudocoremia semialba, Moore, Descr. Ind. Lep. Atk., p. 241, (1887).

Khasi Hills, Darjiling.

3291. *PSEUDOCOREMIA VARIEGATA*.

Pseudocoremia variegata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).

Darjiling.

Genus *Cleora*.3292. *CLEORA ALBIDENTATA*.

Cleora albidentata, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.

Bengal.

3293. *CLEORA CONIFERA*.

Cleora conifera, Moore, Descr. Ind. Lep. Atk., p. 239, (1887).

Darjiling.

3294. *CLEORA DECUSSATA*.

Cleora decussata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628, pl. 33, fig. 4.

Darjiling.

3295. *CLEORA DUPLEXA*.

Cleora duplexa, Moore, Descr. Ind. Lep. Atk., p. 236, (1887).

Darjiling.

3296. *CLEORA OCHRIFASCIATA*.

Cleora ochrifasciata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).

Darjiling.

3297. *CLEORA FIMBRIATA*.

Cleora fimbriata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
Bengal.

3298. *CLEORA IDÆOIDES*.

Cleora idæoides, Moore, Descr. Ind. Lep. Atk., p. 239, (1887).
Darjiling.

3299. *CLEORA IRRORATA*.

Cleora irrorata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).
Darjiling.

3300. *CLEORA MEGASPILARIA*.

Cleora megaspilaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Collection Swinhoe, Darjiling.

3301. *CLEORA PANNOSARIA*.

Cleora pannosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Bengal.

3302. *CLEORA RUFOMARGINATA*.

Cleora rufomarginata, Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
Bengal.

3303. *CLEORA SEMICLARATA*.

Selidosema (?) *semiclarata*, Walker, Cat. Lep. Het. B. M., xxiv, p. 1029,
(1862).
Cleora semiclarata, Moore, Proc. Zool. Soc. Lond. 1867, p. 629.
Scotosia quadrisera, Walker, loc. cit., xxxv, p. 1627, (1866).
Collection Swinhoe, Solun, Darjiling.

3304. *CLEORA VENUSTULARIA*.

Cleora venustularia, Walker, Cat. Lep. Het. B. M., xxxv, p. 1579, (1866).
Moore, Proc. Zool. Soc. Lond. 1867, p. 628.
I. M., Sikkim.

Genus *Narapa*.3305. *NARAPA ADAMATA*.

Boarmia adamata, Felder & R. Reise, Novara, pl. 126, figs. 5, 5 a, ♂,
(1874).
Narapa adamata, Moore, Lep. Ceyl. iii, p. 410, pl. 187, fig. 8, (1887).
Collection Swinhoe, Ceylon.

3306. *NARAPA INDISTINCTA*.

Narapa indistincta, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 5, (1887).
Ceylon.

3307. *NARAPA SIMILARIS*.

Narapa similis, Moore, Lep. Ceyl. iii, p. 411, pl. 187, fig. 9, (1887).
Ceylon.

3308. *NARAPA UMBRATA*.

Narapa umbrata, Moore, Lep. Ceyl. iii, p. 411, pl. 167, fig. 10, (1887).
Ceylon.

Genus *Boarmia*.3309. *BOARMIA ADMISSARIA*.

Boarmia admissaria, Guén., Phal. i, 239, 357, (1857).
Walker, Cat. Lep. Het. B. M., xxi, p. 369, (1860).
N. India.

3310. *BOARMIA ALBIDARIA*.

Boarmia albidaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1582, (1866).
Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
I. M., (?) Shillong, Sikkim.
Collection Swinhoe, Darjiling.

3311. *BOARMIA BHURMITRA*.

Boarmia bhurmitra, Walker, Cat. Lep. Het. B. M., xxi, p. 381, (1860).
Moore, Lep. Ceyl. iii, p. 412, pl. 191, fig. 2, ♀, (1887).
Boarmia susceptaria, Walker, loc. cit. xxxv, p. 1584, ♀, (1866).
Ceylon.

3312. *BOARMIA CARINENTA*.

Phalana carinenta, Cram., Pap. Exot. ii, 47, pl. 128, fig. F, (1779).
Phalana (Geometra) carinenta, Gmel. Ed., Syst. Nat. i, 5, 2454, 634.
Phalana carinata, Fabr., Sp. Ins. ii, 255, 78, (1781).
Mant. Ins. ii, 198, 118, (1787).
Ent. Syst. iii, pt. 2 169, 146, (1794).
Boarmia carinenta, Walker, Cat. Lep. Het. B. M. xxi, p. 370, (1860).
Dryocæcis carinentaria, Hübn., Verz. Schmett., 316, 3046, (1816).
Phalana carinentaria, Guén., Phal. i, 240, 358, (1857).
Coromandel.

3313. *BOARMIA (?) CEYLONARIA*.

Boarmia (?) ceylonaria, Neitner., Obs. Enemies of Coffee Tree, p. 33,
(1861).
Moore, Lep. Ceyl. iii, p. 413, (1887).
Ceylon.

3314. BOARMIA COMBUSTARIA.

Gnophos combustaria, Walker, Cat. Lep. Het. B. M., xxxv, p. 1597, (1866).
Boarmia combustaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

Darjiling.

3315. BOARMIA CONCURSARIA.

Boarmia concursaria, Walker, Cat. Lep. Het. B. M., xxi, p. 377, (1860).
 N. India.

3316. BOARMIA CONTECTARIA.

Boarmia conlectaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1537, (1862).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Poona.

3317. BOARMIA CONTIGUATA.

Boarmia contiguata, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

I. M., Sikkim (purchased, also Barnes), Dunsiri.

Collection Swinhoe, Sylhet.

Allied to *B. propulsaria* (Walker) from Borneo.

3318. BOARMIA CORNARIA.

Boarmia cornaria, Guén., Phal. i, 254, 390, (1857).

 Walker, Cat. Lep. Het. B. M., xxi, p. 378, (1860).

 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854 and 1886,
 p. 454.

I. M., Poona, Bombay (Swinhoe).

Collection Swinhoe, Mhow, Karachi, Bhooj, Bombay, Poona.

3319. BOARMIA (?) DIFFLUARIA.

Boarmia diffluaria, Walker, Cat. Lep. Het. B. M., xxi, p. 490, (1860).

 Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3320. BOARMIA DIFFUSARIA.

Boarmia diffusaria, Walker, Cat. Lep. Het. B. M., xxi, p. 382, (1860).

 Moore, Lep. Ceyl. iii, p. 413, pl. 187, fig. 11, ♂, pl.
 188, figs. 2, ♀, (1887).

Punjab, Ceylon.

3321. BOARMIA (?) EXCLUSARIA.

Boarmia (?) exclusaria, Walker, Cat. Lep. Het. B. M., xxi, p. 490, (1860).

 Moore, Lep. Ceyl. iii, p. 413, (1887).

Ceylon.

3322. *BOARMIA FERROLAVATA*.

Boarmia ferrolavata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1536, (1862).
India.

3323. *BOARMIA GLEBA*.

Boarmia gleba, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853, pl. 56, f 3.
Collection Swinhoe, Poona.

3324. *BOARMIA IMPLETARIA*.

Boarmia impletaria, Walker, Cat. Lep. Het. B. M., xxvi, p. 1536, (1862).
Kanara.

3325. *BOARMIA INFIXARIA*.

Boarmia infixaria, Walker, Cat. Lep. Het. B. M., xxi, p. 379, (1860).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.
Collection Swinhoe, Bombay.
Also recorded from Darjiling.

3326. *BOARMIA INVECTARIA*.

Boarmia invectaria, Walker, Cat. Lep. Het. B. M., xxi, p. 375, (1860).
Punjab.

3327. *BOARMIA ITERATA*.

Boarmia iterata, Butler, Proc. Zool. Soc. Lond. 1886, p. 389.
I. M., Kulu (Young).
Collection Swinhoe, Thundiani (Punjab).

3328. *BOARMIA OBLITERATA*.

Boarmia obliterata, Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Bengal.

3329. *BOARMIA PERSPICUATA*.

Boarmia perspicuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Collection Swinhoe, Solun, Darjiling.

3330. *BOARMIA PLINIFERATA*.

Boarmia pliniferata, Walker, Cat. Lep. Het. B. M., xxvi, p. 1538, (1862).
Bhutan.

3331. *BOARMIA PLUMALIS*.

Boarmia plumalis, Butler, Ann. Nat. Hist. (5.) vi, (1860), p. 126.
————— Ill. Typ. Lep. Het. B. M., vi, p. 64, pl. 116,
fig. 5, (1886).
Darjiling.

3332. BOARMIA PROCESSARIA.

Boarmia processaria, Walker, Cat. Lep. Het. B. M., xxi, p. 372, (1860).
India.

3333. BOARMIA PROMPTARIA.

Boarmia promptaria, Walker, Cat. Lep. Het. B. M., xxi, p. 379, (1860).
India.

3334. BOARMIA PROPERATA.

Boarmia properata, Walker, Cat. Lep. Het. B. M., xxi, p. 376, (1860).
N. India.

3335. BOARMIA RECURSARIA.

Boarmia recursaria, Walker, Cat. Lep. Het. B. M., xxi, p. 374, (1860).
Central India.

3336. BOARMIA REPARATA.

Boarmia reparata, Walker, Cat. Lep. Het. B. M., xxi, p. 380, (1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Sylhet.

3337. BOARMIA SUASARIA.

Boarmia suasaria, Guén., Phal. i, 243, 363, (1867).
Walker, Cat. Lep. Het. B. M., xxi, p. 370, (1860).
India.

3338. BOARMIA TRIKOTARIA.

Boarmia trikotaria, Felder & R. Reise, Novara, pl. 126, fig. 10, ♂, (1874).
Himalayas.
Allied to *B. repandaria*, Linn., of Europe.

3339. BOARMIA TRISPINARIA.

Boarmia trispinaria, Walker, Cat. Lep. Het. B. M., xxi, p. 378, (1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
I. M., Sikkim, Mergui, Kulu (Young).
Collection Swinhoe, India.

3340. BOARMIA VICARIA.

Boarmia vicaria, Walker, Cat. Lep. Het. B. M., xxi, p. 371, (1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Sylhet.

Genus *Alcis*.3341. *ALCIS SIKKIMA*.

Alcis sikkima, Moore, Descr. Ind. Lep. Atk., p. 242, (1887).
Darjiling.

3342. *ALCIS VAGANS*.

Alcis vagans, Moore, Descr. Ind. Lep. Atk., p. 242, pl. 8, fig. 16, (1887).
Darjiling.

3343. *ALCIS VICINA*.

Alcis vicina, Moore, Descr. Ind. Lep. Atk., p. 243, (1887).
Darjiling.

Genus *Burichura*.3344. *BURICHURA IMPARATA*.

Boarmia imparata, Walker, Cat. Lep. Het. B. M. xxi, p. 372, (1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Burichura imparata, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).
Collection Swinhoe, Sikkim.
Also recorded from Nepal.

Genus *Pseudangerona*.3345. *PSEUDANGERONA SEPARATA*.

Boarmia separata, Walker, Cat. Lep. Het. B. M. xxi, p. 381, (1860).
Pseudangerona separata, Moore, Lep. Ceyl. iii, p. 414, pl. 202, fig. 8,
(1887)
Boarmia retractaria, Walker, loc. cit. xxi, p. 386, (1860).
Boarmia intectaria, Walker, loc. cit. xxvi, p. 1835, (1862).
India, Ceylon.

Genus *Catoria*.3346. *CATORIA OLIVESCENS*.

Catoria olivescens, Moore, Descr. Lep. Col. Atk., p. 244, (1887).
Darjiling.

3347. *CATORIA PROCURSARIA*.

Boarmia procursaria, Walker, Cat. Lep. Het. B. M. xxi, p. 375, (1860).
Catoria procursaria, Moore, Lep. Ceyl. iii, p. 415, pl. 191, fig. 8, (1887).
India, Ceylon.

3348. *CATORIA SUBLAVARIA*.

Boarmia sublavaria, Guén, Phal. i, p. 256, 393, (1857).
Walker, Cat. Lep. Het. B. M. xxi, p. 378, (1860).
Moore, Proc. Zool. Soc. Lond. 1867, p. 630.
Catoria sublavaria, Moore, Lep. Ceyl. iii, p. 414, pl. 190, figs. 2, 2a,
(1887).
I. M., Sibsaghar (Peal).
Collection Swinhoe, Sylhet, Ceylon.

Genus *Chogada*.3349. *CHOGADA ALIENARIA*.

Boarmia alienaria, Walker, Cat. Lep. Het. B. M., xxi, p. 370, ♂, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

Chogada alienaria, Moore, Lep. Ceyl. iii, p. 416, pl. 191, figs. 1, 1a, b, (1887).

Boarmia gelidaria, Walker, loc. cit. xxvi, p. 1537, ♀, (1862).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.

I. M., Sikkim (purchased), Sibsaghar, Andaman Islands (purchased).

Collection Swinhoe, Bombay, Poona, Khandalla, Sylhet.

3350. *CHOGADA FRATERNA*.

Chogada fraterna, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).

Darjiling.

3351. *CHOGADA INJECTARIA*.

Boarmia injectaria, Walker, Cat. Lep. Het. B. M., xxi, p. 376, ♀, (1860).

Chogada injectaria, Moore, Lep. Ceyl. iii, p. 416, (1887).

Boarmia sublectaria, Walker, loc. cit. xxvi, p. 1535, ♂, (1862).

Ceylon.

Genus *Amraca*.3352. *AMRACA FORTISSIMA*.

Amraca fortissima, Moore, Descr. Ind. Lep. Atk., p. 245, (1887).

Darjiling.

Genus *Serraca*.3353. *SERRACA TRANSCISSA*.

Boarmia transciissa, Walker, Cat. Lep. Het. B. M. xxi, p. 380, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 630.

Serraca transciissa, Moore, Lep. Ceyl. iii, p. 416, pl. 190, figs. 3, 3a, (1887).

I. M., Sibsaghar (Peal), Sikkim.

Collection Swinhoe, Sibsaghar.

Genus *Astaouda*.3354. *ASTACUDA AMPLA*.

Astaouda ampla, Moore, Descr. Ind. Lep. Atk., p. 244, (1887).

Cherrapunji.

3355. *ASTACUDA CINERACEA*.

Astaouda cineracea, Moore, Descr. Ind. Lep. Atk., p. 244, (1887).

Darjiling.

Genus *Lassaba*.3356. *LIASSABA CONTAMINATA*.

Lassaba contaminata, Moore, Descr. Ind. Lep. Atk., p. 246, (1887).
Darjiling.

Genus *Darisa*.3357. *DARISA MAXIMA*.

Darisa maxima, Moore, Descr. Ind. Lep. Atk., p. 243, (1887).
Darjiling.

3358. *DARISA MUCIDARIA*.

Boarmia mucidaria, Walker, Cat. Lep. Het. B. M. xxv, p. 1581, (1866).
Tephrosia mucidaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
I. M., Sikkim.

Genus *Tephrosia*.3359. *TEPHROSIA DENTILINEATA*.

Tephrosia dentilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
I. M., Andaman Islands (purchased).
Collection Swinhoe, Solun, Sikkim, Khandalla.

Genus *Hirasa*.3360. *HIRASA CONTUBERNALIS*.

Hirasa contubernalis, Moore, Descr. Ind. Lep. Atk., p. 238, (1887).
Khasi Hills.

3361. *HIRASA SCRIPTURARIA*.

Tephrosia scripturaria, Walker, Cat. Lep. Het. B. M. xxv, p. 1590, (1866).
Tephrosia scriptaria (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 631.
Hirasa scripturaria, Moore, Descr. Ind. Lep. Atk., p. 238, (1887).
I. M., Sikkim, Kulu (Young), N. Khasi Hills, Mergui
(Anderson).
Collection Swinhoe, Khasi Hills, Darjiling.

Genus *Bylazora*.3362. *BYLAZORA CEYLONICA*.

Bylazora ceylonica, Moore, Lep. Ceyl. iii, p. 417, pl. 193, figs. 4, 4a, ♂, ♀,
(1887).
Collection Swinhoe, Ceylon.

3363. *BYLAZORA LICHENIFERATA*.

Bylazora licheniferata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1550,
(1862).
Collection Swinhoe, Nilgiri Hills.

3364. BYLAZORA PILICOSTATA.

Scotosia pilicostata, Walker, Cat. Lep. Het. B. M. xxv, p. 1355, (1862).
Collection Swinhoe, Nilgiri Hills.

Genus *Ophthalmodes*.

3365. OPHTHALMODES (?) CARITARIA.

Boarmia caritaria, Walker, Cat. Lep. Het. B. M. xxi, p. 499, (1860).
Ophthalmodes (?) *caritaria*, Moore, Lep. Ceyl. iii, p. 418, (1887).
Ceylon.

3366. OPHTHALMODES DIURNARIA.

Ophthalmodes diurnaria, Guén., Phal. i, p. 284, 454, (1857).
————— Walker, Cat. Lep. Het. B. M. xxi, p. 447, (1860).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
Boarmia pertusaria, Felder & R. Reise, Novara, pl. 125, fig. 17, ♂,
(1874).
I. M., Sikkim (purchased, also Barnes), Kulu (Young).
Collection Swinhoe, Solun, Sylhet.

3367. OPHTHALMODES HERBIDARIA.

Ophthalmodes herbidaria, Guén., Phal. i, 283, 453, (1857).
————— Walker, Cat. Lep. Het. B. M. xxi, p. 446, (1860).
————— Moore, Lep. Ceyl. iii, p. 417, pl. 191, fig. 4, ♀,
(1887).
Sylhet, Ceylon.

3368. OPHTHALMODES INFUSARIA.

Ophthalmodes infusaria, Walker, Cat. Lep. Het. B. M. xxi, p. 448, (1860).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 65, pl. 116,
fig. 6, (1886).
Sylhet.

3369. OPHTHALMODES MUNDATA.

Ophthalmodes mundata, Walker, Char. Undescr. Lep. Het. Lond. (1869),
p. 97.
Benares.

Genus *Racotis*.

3370. RACOTIS BOARMIARIA.

Hypochroma boarmiaria, Guén., Phal. i, 282, 451, (1857).
————— Walker, Cat. Lep. Het. B. M. xxi, p. 436, (1860).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
Racotis boarmiaria, Moore, Lep. Ceyl. iii, p. 418, pl. 192, figs. 3, 3a, b,
(1887).
Boarmia inconclusa, Walker, loc. cit. xxi, p. 392, (1860).
I. M., Sikkim (purchased, also Barnes), Shillong.
Collection Swinhoe, Darjiling.

Genus *Dindica*.3371. *DINDICA BASIFLAVATA*.*Hypochroma basiflavata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.*Dindica basiflavata*, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).

I. M., Sikkim (purchased, also Barues).

3372. *DINDICA CROCINA*.*Hypochroma crocina*, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 126.Ill Typ. Lep. Het. B. M., vi, p. 68, pl. 116,
fig. 2, (1886).

I. M., Sikkim (purchased).

3373. *DINDICA LEOPARDINATA*.*Hypochroma leopardinata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 634.*Dindica leopardinata*, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).

Bengal.

Genus *Pingasa*.3374. *PINGASA APICALIS*.*Pingasa apicalis*, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).

Darjiling.

3375. *PINGASA COSTISTRIGARIA*.*Hypochroma costistrigaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.

Bengal.

3376. *PINGASA CRENARIA*.*Hypochroma crenaria*, Guén., Phal. i, p. 278, 441, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863.

Pingasa crenaria, Moore, Lep. Ceyl. iii, p. 419, pl. 192, figs. 1, 1a, b,
(1887).

Collection Swinhoe, Bombay, Ceylon.

3377. *PINGASA IRROBATARIA*.*Hypochroma irrorataria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

I. M., Sikkim (purchased).

3378. *PINGASA LEUCOSTIGMARIA*.*Boarmia leucostigmara*, Nietner, Obs. Enemies of Coffee Tree, p. 23, (1861).**Pingasa leucostigmara*, Moore, Lep. Ceyl. iii, p. 420, (1887).

Ceylon.

3379. *PINGASA MINIMARIA*.*Hypochroma minimaria*, Guén., Phal. i, 279, 443, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 433, (1860).

Pingasa minimaria, Moore, Lep. Ceyl. iii, p. 420, pl. 192, fig. 2, (1887).*Hypochroma parvula*, Walker, loc. cit. xxi, p. 435, (1860).

Ceylon, India.

3380. *PINGASA RUFOFASCIATA*.*Pingasa rufofasciata*, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).

Collection Swinhoe, Sikkim.

3381. *PINGASA RUGINARIA*.*Hypochroma ruginaria*, Guén., Phal. i, 278, 442, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).

I. M., Sikkim (purchased, also Barnes), Sibsaghar, Ranchi, (Irvine).

Collection Swinhoe, Sylhet.

Also recorded from Borneo.

3382. *PINGASA SIMILIS*.*Pingasa similis*, Moore, Descr. Ind. Lep. Atk., p. 248, (1887).

Collection Swinhoe, Sibsaghar.

3383. *PINGASA VIGENS*.*Hypochroma vicens*. Butler Ann. Nat. Hist. (5) vi, p. 127, (1880).Ill. Typ. Lep. Het. B. M. vi, p. 63, pl. 116,
fig. 3, (1886).Genus *Hypochroma*.3384. *HYPOCHROMA DISPENSATA*.*Hypochroma dispensata*, Walker, Cat. Lep. Het. B. M. xxi, p. 435,
(1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 416.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526,
1885, p. 853, and 1886, p. 454.

Collection Swinhoe, Mhow, Karachi, Bombay, Poona.

3385. *HYPOCHROMA DISTENTA*.*Hypochroma distenta*, Walker, Cat. Lep. Het. B. M. xxi, p. 434, (1860).

Collection Swinhoe, Sylhet.

3386. *HYPOCHROMA MUSCICOLORARIA*.*Hypochroma muscicoloraria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1543,
(1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 64,
pl. 116, fig. 4, (1886).

I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling.

3387. *HYPOCHROMA NYCTEMERATA*.

Hypochroma nyctemerata, Walker, Cat. Lep. Het. B. M. xxi, p. 444, (1860).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 632.

Bengal.

Allied to *H. ruginaria*.

3388. *HYPOCHROMA PERFECTARIA*.

Hypochroma perfectaria, Walker, Cat. Lep. Het. B. M. xxi, p. 434, (1860).

————— Moore, Proc. Zool. Soc. Lond. 1877, p. 621.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 853.

Hypochroma nyctemerata, Walker, loc. cit. xxvi, p. 1543, ♀, nec xxi, p. 444.

Collection Swinhoe, Poona.

Also recorded from Andaman Islands.

3389. *HYPOCHROMA POLYPHÆNARIA*.

Hypochroma polyphænaria, Guén., Phal. i, 280, 446, (1857).

————— Walker, Cat. Lep. Het. B. M. xxi, p. 436, (1860).

Collection Swinhoe, Sikkim.

3390. *HYPOCHROMA PSEUDOTERPNARIA*.

Hypochroma pseudoterpnaria, Guén., Phal. i, p. 276, 436, (1857).

————— Walker, Cat. Lep. Het. B. M. xxi, p. 431, (1860).

————— Moore, 2nd Yarkand Miss., Calcutta, (1879), p. 14.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

I. M., Yarkand (2nd Yarkand Mission, Stoliczka).

Collection Swinhoe, Solun, Karachi.

3391. *HYPOCHROMA SPHAGNATA*.

Hypochroma sphagnata, Felder & R. Reise, Novara, pl. 125, fig. 2, ♂, (1874).

Darjiling.

Allied to *H. muscicoloraria*.

3392. *HYPOCHROMA TEPHROSIARIA*.

Hypochroma tephrosiaria, Guén., Phal. i, 277, 437, (1857).

————— Walker, Cat. Lep. Het. B. M. xxi, p. 432, (1860).

India.

3393. *HYPOCHROMA VARICOLORARIA*.

Hypochroma varicoloraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.

Bengal.

3394. *HYPOCHROMA VIRIDARIA*.

Hypochroma viridaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 632.
Bengal.

Genus *Pachyodes*.8395. *PACHYODES HEMATARIA*.

Terpna hemataria, Herr. Sch., Exot. Sch., figs. 205, 206, (1850-69).
Pachyodes hemataria, Walker, Cat. Lep. Het. B. M. xxi, p. 445, (1860).
Pachyodes almaria, Guén., Phal. i, 282, 452, (1857).
I. M., Sikkim (purchased), Sibsaghar (Peal).
Collection Swinhoe, Assam.

3396. *PACHYODES ORNATARIA*.

Pachyodes ornataria, Moore, Deser. Ind. Lep. Atk., p. 249, (1887).
Cherrapunji, Darjiling.

3397. *PACHYODES PICTARIA*.

Pachyodes pictaria, Moore, Deser. Ind. Lep. Atk., p. 248, (1887).
Darjiling.

Genus *Elphos*.3398. *ELPHOS HYMENARIA*.

Elphos hymenaria, Guén., Phal. i, p. 285, 456, pl. 16, fig. 4, (1857).
———— Walker, Cat. Lep. Het. B. M. xxi, p. 446, (1860).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
———— Lep. Ceyl. iii, p. 420, pl. 193, fig. 1, ♂, (1887).
I. M., Sikkim (purchased), Mussourie (Templeton), N. Khasi
Hills (A. W. Chennel), Sibsaghar.
Collection Swinhoe, Sikkim, Pegu.

3399. *ELPHOS PARDICELATA*.

Elphos pardicelata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1544, (1862).
———— Moore, Proc. Zool. Soc. Lond. 1867, p. 635.
———— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 65, pl. 116,
fig. 7, (1886).
Collection Swinhoe, Sikkim.
Allied to *E. hymenaria*.

3400. *ELPHOS SCOLOPAIEA*.

Phalena (Noctua) scolopaiea, Drury, Exot. Ins. ii, pl. 22, fig. 1, App. ii,
(1773).
Alcis scolopacea, Westwood, Ed. Drury, ii, 40, pl. 22, fig. 1, (1837).
———— Duncan, Nat. Libr. xxxvii, 218, pl. 27 fig. 2.
Bronchelia scolopacea, Walker, Cat. Lep. Het. B. M. xxi, p. 453, (1860).
Elphos scolopaiea, Moore, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, p. 237,
(1884).
I. M., Sibsaghar, Sylhet, Cachar, Buxar (Moti Ram).
Allied to *E. hymenaria*.

Genus *Amblychia*.3401. *AMBLYCHIA ANGERONARIA*.

Amblychia angeronaria, Guén., Phal. i, 215, 319, pl. 4, fig. 9, (1857).
 Walker, Cat. Lep. Het. B. M. xxi, p. 313, (1860).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 625.

I. M., Sikkim (purchased, also Barnes), Sibsaghar (Peal), Buxar,
 (Moti Ram).
 Collection Swinhoe, Sylhet.

3402. *AMBLYCHIA TORRIDA*.

Amblychia torrida, Moore, Proc. Zool. Soc. Lond. 1877, p. 621.
 Andaman Islands.

Genus *Gnophos*.3403. *GNOPHOS ACCIPITRARIA*.

Gnophos accipitraria, Guén., Phal. i, 300, 476, (1857).
 Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).
 Collection Swinhoe, Solun.

3404. *GNOPHOS ÆREUS*.

Gnophos æreus, Butler, Ann. Nat. Hist. (5), vi, (1890), p. 128.
 Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 9,
 (1886).

Darjiling.
 Allied to *G. muscosaria*.

3405. *GNOPHOS COMPARATARIA*.

Boarmia comparataria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1582, (1866).
Tephrosia comparataria, Moore, Proc. Zool. Soc. Lond. 1867, p. 631.

I. M., Kulu (Young).
 Collection Swinhoe, Darjiling.

3406. *GNOPHOS DISPUNCTATA*.

Gnophos dispunctata, Walker, Cat. Lep. Het. B. M. xxi, p. 469, (1860).
 Butler, Proc. Zool. Soc. Lond. 1886, p. 389.

I. M., Mussourie (Templeton), Kulu (Young), Shillong, Sibsaghar (Peal).
 Collection Swinhoe, Solun, Thundiani, Kala Pani (Punjab).

3407. *GNOPHOS EOLARIA*.

Gnophos eolaria, Guén., Phal. i, 294, 466, (1857).
 Walker, Cat. Lep. Het. B. M. xxi, p. 468, (1860).
 N. India.

3408. *GNOPHOS GRANITARIA*.

Gnophos granitaria, Moore, Descr. Ind. Lep. Atk., p. 246, (1887).
 Darjiling.

3409. GNOPHOS MISCELLARIA.

Gnophos miscellaria, Guén., Phal. i, 297, 470, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 409, (1860).

India, Australia.

3410. GNOPHOS MUCIDARIA.

Geometra mucidaria, Hüb., Geom., pl. 28, fig. 148, (1805-24).**Hypocotia mucidaria*, Hubn., Verz. Schm., 314, 3034, (1816).*Gnophos mucidaria*, Treit., Schm. v. 182, 13.*

Dup., Lep. v. 218, pl. 186, fig. 5.*

Boisd., Ind. 200, 1593.*

Herr. Schoeff., Eur. Schm. iii, 75, 194, pl. 44, figs. 266-68, (1850-69).*

Guén., Phal. i, 297, 472, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 461, (1860).

Gnophos variegata, Dup., Lep., pl. 185, fig. 8, (1830).*

Bruand, Ann. Soc. Ent. Fr. 1843, 249, pl. 10 No. 11.

Collection Swinhoe, Sikkim.

Also recorded from Europe.

3411. GNOPHOS MUSCOSARIA.

Gnophos muscosaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1596, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 635.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 10, (1886).

I. M., Sikkim.

3412. GNOPHOS OBTECTARIA.

Gnophos obtectaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1597, (1866).

Moore, Proc. Zool. Soc. Lond., 1867, p. 635.

2nd Yarkand Mission Calc. (1879), p. 14.

Butler, Proc. Zool. Soc. Lond. 1886, p. 389.

Ill. Typ. Lep. Het. B. M. vi, p. 66, pl. 116, fig. 8, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Cashmir, Thundiani (Punjab), Lahore, Dargiling.

3413. GNOPHOS PÆRLITA.

Gnophos (?) *pærlita*, Butler, Proc. Zool. Soc. Lond. 1886, p. 389.

Kala Pani (Punjab).

3414. GNOPHOS PAGANATA.

Scotepteryx paganata, Felder & R. Reise, Novara, pl. 125, fig. 9, ♂, (1874).

India.

3415. GNOPHOS STOLICZKARIA.

Gnophos stoliczkaria, Moore, Ann. Nat. Hist. (5), 1, (1878), p. 235.

2nd Yarkand Mission Calc. (1879), p. 14, pl. 1, fig. 22.

I. M., Yarkand (type, Stoliczka).

3416. GNOPHOS TENOBROSARIA.

Hypochroma tenebrosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 633.

I. M., Kulu (Young).

Collection Swinhoe, Kasauli.

3417. GNOPHOS TEPHROSARIA.

Gnophos tephrosaria, Moore, Descr. Ind. Lep. Atk., p. 247, (1887).

Darjiling.

3418. GNOPHOS USNEATA.

Scotopteryx (?) *usneata*, Felder & R. Reise, Novara, pl. 125, fig. 12, ♀,
(1874).

I. M., Sikkim (purchased).

3419. GNOPHOS VENTRARIA.

Gnophos ventraria, Guén., Phal. i, 294, 467, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 468, (1860).

Sylhet.

3420. GNOPHOS VITREATA.

Scotonia vitreata, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.

Gnophos vitreata, Butler, Proc. Zool. Soc. Lond. 1886, p. 390.

Collection Swinhoe, Darjiling.

Also recorded from the Punjab.

Genus *Petelia*.

3421. PETELIA FASCIATA.

Bargosa fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 634, pl. 32, fig. 8.

Petelia fasciata, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Bombay, Poona, Khandalla, Calcutta.

3422. PETELIA MEDARDARIA.

Petelia medardaria, Herr Sch., Exot. Schn., pl. 94, fig. 534, (1850-60).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854, and
1886, p. 454.

Tephрина (?) *medardaria*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1659,
(1862).

Bargosa rhacoraca, Walker, loc. cit. xxi, p. 481, (1860).

Bargosa chandubija, Walker, loc. cit. xxi, p. 480, (1860).

Bargosa distracta, Walker, loc. cit. xxi, p. 481, (1860).

Ephyra (?) *strigulararia*, Walker, loc. cit. xxvi, p. 1675, (1862).

I. M., Bombay (Swinhoe).

Collection Swinhoe, Mhow, Bombay, Poona, Belgaum.

Genus *Alana*.3423. *ALANA VEXILLARIA*.*Pachydia vexillaria*, Guén., Phal. ii, p. 138, 1147, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 1020, (1861).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Alana vexillaria, Moore, Lep. Ceyl. iii, p. 397, pl. 193, fig. 3. ♀, (1887).*Pachydia capitata*, Walker, loc. cit., xxiii, p. 1019, ♀, (1860).*Alana rubiginata*, Walker, loc. cit. xxxv, p. 1568, ♀, (1866).

Collection Swinhoe, Bombay, Poona.

Also recorded from Borneo.

Genus *Sabaria*.3424. *SABARIA CONTRACTARIA*.*Sabaria contractaria*, Walker, Cat. Lep. Het. B. M. xxi, p. 492, (1860).

Moore, Lep. Ceyl. iii, p. 397, (1887).

Ceylon.

Genus *Psyra*.3425. *PSYRA ANGULIFERA*.*Scotosia angulifera*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1687, (1866).*Psyra angulifera*, Moore, Proc. Zool. Soc. Lond. 1867, p. 659.

I. M., India.

Collection Swinhoe, Darjiling.

3426. *PSYRA CUNEATA*.*Psyra cuneata*, Walker, Cat. Lep. Het. B. M. xxi, p. 493, (1860).

Moore, Proc. Zool. Soc. Lond. 1867, p. 659.

Bengal.

3427. *PSYRA SIMILARIA*.*Psyra similaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 659, pl. 83, fig. 1.

I. M., Khasi Hills, Sikkim.

Collection Swinhoe, Darjiling.

FAMILY GEOMETRIDÆ.

Genus *Loxochila*.3428. *LOXOCHILA MUTANS*.*Loxochila mutans*, Butler, Proc. Zool. Soc. Lond. 1881, p. 615.

Collection Swinhoe, Solun, Nilgiri Hills.

3429. *LOXOCHILA SMARAGDUS*.*Tunaorhinus smaragdus*, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 128.*Loxochila smaragdus*, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 69, pl. 117, fig. 5, (1886).

N.-E. Himalayas.

Genus *Geometra*.3430. *GEOMETRA ALBOVIRIDIS*.

Geometra albaviridis, Moore, Proc. Zool. Soc. Lond. 1872, p. 581, pl. 34,
fig. 3.

N. India.

3431. *GEOMETRA APERTA*.

Geometra aperta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56,
fig. 7.

Collection Swinhoe, Bombay, Nilgiri Hills.

3432. *GEOMETRA AVICULARIA*.

Geometra avicularia, Guén., Phal. i, p. 342, 526, (1857).

Walker, Cat. Lep. Het. B. M. xxi, p. 514, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Geometra pennisignata, Walker, loc. cit. xxii, p. 516, (1861).

L. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling.

3433. *GEOMETRA BISERIATA*.

Geometra biseriata, Moore, Descr. Ind. Lep. Atk., p. 249, (1887).

Darjiling.

3434. *GEOMETRA CUNEILINEA*.

Geometra cuneilinea, Walker, Cat. Lep. Het. B. M. xxvi, p. 1752, (1862).

India.

3435. *GEOMETRA DENTISIGNATA*.

Geometra dentisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Darjiling.

Allied to *G. haliaria*.

3436. *GEOMETRA DETENTA*.

Geometra detenta, Walker, Cat. Lep. Het. B. M. xxii, p. 518, (1861).

Geometra dentata (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Nepal.

3437. *GEOMETRA DISCISSA*.

Geometra discissa, Walker, Cat. Lep. Het. B. M. xxii, p. 517, (1861).

N. India.

3438. *GEOMETRA DISPARTITA*.

Geometra dispartita, Walker, Cat. Lep. Het. B. M. xxii, p. 520, (1861).

Moore, 2nd Yarkand Mission Calc. (1879), p. 15.

Yarkand, India.

3439. GEOMETRA DISSESSA.

Geometra dissesa, Walker, Cat. Lep. Het. B. M. xxii, p. 521, (1861).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.

Collection Swinhoe, Poona.

3440. GEOMETRA GONIARIA.

Timandra goniaria, Felder & R. Reiss, Novara, pl. 128, fig. 3, ♀, (1874).
 Collection Swinhoe, Khandalla, Alibagh.

3441. GEOMETRA GRATA.

Geometra grata, Butler, Ann. Nat. Hist. (5), vi, p. 129, (1880).
 Ill. Typ. Lep. Het. B. M. vi, p. 69, pl. 117, fig. 6,
 (1886).

Darjiling.

Allied to *G. dentisignata*.

3442. GEOMETRA HALIARIA.

Geometra haliaria, Walker, Cat. Lep. Het. B. M., xxii, p. 518, (1861).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
 Butler, Ill. Typ. Lep. Het. B. M. vi, p. 70, pl. 117,
 fig. 7, (1886).

Geometra decoraria, Walker, loc. cit. xxxv, p. 1601, (1866).

I. M., Sikkim (purchased, also Barnes).

Collection Swinhoe, Darjiling.

3443. GEOMETRA LINEATA.

Geometra lineata, Moore, Proc. Zool. Soc. Lond. 1872, p. 580, pl. 34, fig. 2.

I. M., Sikkim.

Collection Swinhoe, Sikkim.

3444. GEOMETRA SPECULARIA.

Geometra specularia, Guén., Phal. i, 342, 525, (1857).
 Walker, Cat. Lep. Het. B. M. xxii, p. 514, (1861),
 and xxvi, p. 1555, (1862).
 Moore, Lep. Ceyl. iii, p. 425, pl. 194, figs. 1, 1a, ♀,
 (1887).

I. M., Wynaad.

Collection Swinhoe, Sylhet, Ceylon.

3445. GEOMETRA TUMIDILINEA.

Geometra tumidilinea, Moore, Descr. Ind. Lep. Atk., p. 249, (1887).

Darjiling.

3446. GEOMETRA VITTATA.

Geometra vittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 636.
 Waterhouse, Aid. pl. 161, fig. 5, (1884).*

I. M., Sikkim (purchased).

Collection Swinhoe, Solun, Sikkim, Kulu.

Genus **Tanaorhinus**.3447. **TANAORHINUS DIMISSA.***Geometra dimissa*, Walker, Cat. Lep. Het. B. M. xxii, p. 516, (1861).*Tanaorhinus dimissus*, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 68, pl. 117, fig. 3, (1886).

Collection Swinhoe, Solun.

3448. **TANAORHINUS RECIPROCATA.***Geometra reciprocata*, Walker, Cat. Lep. Het. B. M. xxii, p. 515, (1861).*Tanaorhinus reciprocatus*, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 68, pl. 117, fig. 4, (1886).

Himalayas.

3449. **TANAORHINUS VIRIDILUTEATA.***Geometra viridiluteata*, Walker, Cat. Lep. Het. B. M. xxii, p. 515, (1861),

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 636.

Tanaorhinus viridiluteatus, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 67, pl. 117, fig. 2, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus **Maxates**.3450. **MAXATES CÆLATARIA.***Thalassodes cælataria*, Walker, Cat. Lep. Het. B. M. xxii, p. 552, (1861).

————— Moore, Proc. Zool. Soc. Lond. (1867), p. 637, and 1877, p. 621.

Maxates cælataria, Moore, Lep. Ceyl. iii, p. 436, pl. 196, figs. 2, 2a, (1887).

I. M., Sikkim (Barnes).

Collection Swinhoe, Darjiling, North Kanara.

Genus **Thalassodes**.3451. **THALASSODES BIFASCIATA.***Thalassodes bifasciata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1562, (1862).*Thalera bifasciata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

3452. **THALASSODES (?) CHLOROZONARIA.***Thalassodes chlorozonaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 554, (1861).

————— Moore, Lep. Ceyl. iii, p. 427, (1887).

Ceylon.

3453. **THALASSODES DISSEPTA.***Thalassodes dissepta*, Walker, Cat. Lep. Het. B. M. xxii, p. 550, (1861).

India.

3454. THALASSODES DISSIMULATA.

Thalassodes dissimulata, Walker, Cat. Lep. Het. B. M. xxii, p. 551, (1831).
 — Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

India.

3455. THALASSODES DISTINCTARIA.

Thalassodes distinctaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1607, (1866).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

— Butler, Ill. T. p. Lep., Het. B. M. vi, p. 70. pl. 117, fig. 8, (1886).

Collection Swinhoe, Sikkim.

3456. THALASSODES FIMBRIARIA.

Thalassodes fimbriaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 97.

Benares.

3457. THALASSODES GLAUCARIA.

Thalera glaucaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1613, (1866).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.

Thalassodes glaucaria, Butler, Ann. Nat. Hist. (5) vi, p. 215, (1880).

Collection Swinhoe, Sikkim.

Allied to *T. bifusciata*.

3458. THALASSODES IMMISSARIA.

Thalassodes immissaria, Walker, Cat. Lep. Het. B. M. xxii, p. 553, (1861).

— Moore, Lep. Ceyl. iii, p. 426, (1887).

Ceylon.

3459. THALASSODES INAPTARIA.

Thalassodes inaptaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1560, (1861).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.

Sylhet.

3460. THALASSODES INDETERMINATA.

Thalassodes indeterminata, Walker, Char. Undescr. Lep. Het. London, p. 98, (1869).

Benares.

3461. THALASSODES LEUCOSPILOTA.

Thalassodes leucospilota, Moore, Lep. Ceyl. iii, p. 427, pl. 194, fig. 4, ♂, (1887).

Ceylon.

3462. THALASSODES LUNIFERA.

Thalassodes lunifera, Moore, Descr. Ind. Lep. Atk., p. 250, (1887).

Cherrapunji.

3463. THALASSODES MACABIATA.

Thalassodes macabiata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1562, (1862).
 ———, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
 Collection Swinhoe, Sylhet.

3464. THALASSODES MACRURARIA.

Thalassodes macruraria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1561,
 (1861).
 ———, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
 Collection Swinhoe, Khandalla.

3465. THALASSODES NANDA.

Thalassodes nanda, Walker, Cat. Lep. Het. B. M. xxii, p. 552, (1861).
 ———, Moore, Lep. Ceyl. iii, p. 427, (1887).
 Ceylon.

3466. THALASSODES OPALINA.

Thalassodes opalina, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 214.
 ———, Ill. Typ. Lep. Het. B. M. vi, p. 70, pl. 117,
 fig. v, (1886).
 ———, Proc. Zool. Soc. Lond. 1886, p. 390.
 Darjiling, Murree.

3467. THALASSODES OPHTHALMICATA.

Thalassodes ophthalmicata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
 Bengal.

3468. THALASSODES PALLIPLAGIATA.

Thalassodes palliplagiata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1563,
 (1862).
 India.

3469. THALASSODES QUADRARIA.

Thalassodes quadraria, Guén., Phal. i, 366, 564, (1857).
 ———, Walker, Cat. Lep. Het. B. M. xxii, p. 549, (1861).
Geometra dissita, Walker, loc. cit. xxii, p. 519, (1861).
 ———, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.
Thalassodes dissita, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
 ———, Lep. Ceyl. iii, p. 426, pl. 194, figs. 2, 2a, ♀,
 (1887).

I. M., Kulu (Young).

Collection Swinhoe, Bombay, Poona, Sikkim.

3470. THALASSODES RUBROLIMBRARIA.

Amaurinia rubrolimbraria, Guén., Phal. i, 366, 618, (1857).
 ———, Walker, Cat. Lep. Het. B. M. xxii, p. 603,
 (1861).
Thalassodes rubrolimbraria, Moore, Lep. Ceyl. iii, p. 427, pl. 195, fig. 5,
 (1887).
Thalassodes diserta, Walker, loc. cit. xxii, p. 553, ♀, (1861).
Thalassodes simpliciararia, Walker, loc. cit. xxii, p. 553, (1861).
 Ceylon.

3471. *THALASSODES SINUATA*.

Thalassodes sinuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
Bengal.

3472. *THALASSODES SISUNAGA*.

Thalassodes sisunaga, Walker, Cat. Lep. Het. B. M. xxi, p. 550, (1861).
India.

3473. *THALASSODES URAPTERARIA*.

Thalassodes urapteraria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1608,
(1866).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 637.
Sylhet.

Genus *Thalera*.3474. *THALERA ALBANNULARIA*.

Thalassodes albannularia, Walker, Cat. Lep. Het. B. M. xxii, p. 554,
(1861).
Thalera albannularia, Moore, Lep. Ceyl. iii, p. 429, (1887).
Ceylon.

3475. *THALERA ACUTISSIMA*.

Thalera acutissima, Walker, Cat. Lep. Het. B. M. xxii, p. 596, (1861).
————— Moore, Lep. Ceyl. iii, p. 428, pl. 196, p. 7, (1887).
Ceylon.

3476. *THALERA ARGUTARIA*.

Thalera argutaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1614, (1866).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
Collection Swinhoe, Daijiling.

3477. *THALERA COSTIPUNCTATA*.

Thalera costipunctata, Moore, Lep. Ceyl. iii, p. 428, pl. 195, fig. 4, (1887).
Ceylon.

3478. *THALERA DIATOMATA*.

Timandra (?) *diatomata*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1616, (1862).
Thalera diatomata, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.
Timandra diatomaria (sic), Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854,
and 1886, p. 454.
Collection Swinhoe, Nilgiri Hills, Mhow, Karachi, Mirzapore,
Poona.

3479. *THALERA DIREMPTA*.

Thalera dirempta, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).
India.

3480. *THALERA DISJUNCTA*.

Thalera disjuncta, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).
 Moore, Lep. Ceyl. iii, p. 429, pl. 196, fig. 5, (1887).

Collection Swinhoe, North Kanara.

Also recorded from Ceylon.

3481. *THALERA FLAVIFUSATA*.

Thalera flavifusata, Walker, Cat. Lep. Het. B. M. xxii, p. 596, (1861).
 Moore, Lep. Ceyl. iii, p. 428, pl. 191, figs. 3, 3a, 3. (1887).

Ceylon.

3482. *THALERA LÆSARIA*.

Iodis læsaria, Walker, Cat. Lep. Het. B. M. xxii, p. 544, (1861).
Thalera læsaria, Moore, Lep. Ceyl. iii, p. 429, (1887).

Ceylon.

3483. *THALERA MERITARIA*.

Geometra meritaria, Walker, Cat. Lep. Het. B. M. xxii, p. 522, (1861).
Thalera meritaria, Moore, Lep. Ceyl. iii, p. 429, (1887).

Ceylon.

3484. *THALERA OBNUPTA*.

Thalera obnupta, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 9.
 Collection Swinhoe, Bombay, Alibagh.

3485. *THALERA ROBUSTARIA*.

Hemithea robustaria, Guén., Phal. i, 383, 613, (1857).
Thalera robustaria, Walker, Cat. Lep. Het. B. M. xxii, p. 595, (1861).
 India.

3486. *THALERA (?) SUBTRACTATA*.

Thalera (?) subtractata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1753, (1862).
 India.

Genus **NEMORIA**.3487. *NEMORIA CARNIFRONS*.

Nemoria carnifrons, Butler, Proc. Zool. Soc. Lond. 1883, p. 169.
 Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 454.
 Collection Swinhoe, Mhow.

3488. *NEMORIA CAUDULARIA*.

Nemoria caudularia, Guén., Phal. i, 349, 541, (1857).
 Walker, Cat. Lep. Het. B. M. xxii, p. 534, (1861).
 N. India.

3489. *NEMORIA* (?) *DIRECTA*.

Nemoria (?) *directa*, Walker, Cat. Lep. Het. B. M. xxii, p. 535, (1861).
India.

3490. *NEMORIA FLAVIFRONTARIA*.

Nemoria flavifrontaria, Guén., Phal. i, 346, 533, (1857).
Walker, Cat. Lep. Het. B. M. xxii, p. 634, (1861).
India.

3491. *NEMORIA FREQUENS*.

Nemoria frequens, Butler, Proc. Zool. Soc. Lond. 1881, p. 616.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526; 1885, p. 854; and 1886, p. 454.
I. M., Andaman Islands (purchased), Karachi (Karachi Museum).
Collection Swinhoe, Mhow, Karachi, Poona.

3492. *NEMORIA PARVULATA*.

Nemoria parvulata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1559, (1862).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.
Collection Swinhoe, Kutch, Karachi, Poona.

3493. *NEMORIA PRUINOSA*.

Nemoria pruinosa, Butler, Ann. Nat. Hist. (1880), (5) v, p. 224.
Proc. Zool. Soc. Lond. 1881, p. 6.6; and 1883, p. 169.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.
I. M., Karachi.
Collection Swinhoe, Karachi.

3494. *NEMORIA SOLIDARIA*.

Nemoria solidaria, Guén., Phal. i, 348, 538, (1857).
Walker, Cat. Lep. Het. B. M. xxii, p. 535, (1861).
Moore, Lep. Ceyl. iii, p. 431, (1887).
Iodis discessa, Walker, loc. cit. xxii, p. 544, ♀, (1861).
Nemoria lutaria, Walker, loc. cit. xxvi, p. 1558, (1862).
Ceylon.

3495. *NEMORIA VIATA*.

Nemoria viata, Moore, Lep. Ceyl. iii, p. 431, pl. 195, fig. 6, ♀, (1887).
Ceylon.

Genus *Berta*.

3496. *BERTA CHRYSOLINEATA*.

Berta chrysolineata, Walker, Cat. Lep. Het. E. M. xxvi, p. 1621, (1862).
Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
Lep. Ceyl. iii, p. 435, pl. 196, fig. 4, (1887).
Kanara, Ceylon, Bengal.

3497. BERTA GAVISSIMA.

Comibæna gavissima, Walker, Cat. Lep. Het. B. M. xxii, p. 575, (1861).
Berta gavissima, Moore, Lep. Ceyl. iii, p. 435, pl. 196, fig. 6, ♂, (1887).
 Collection Swinhoe, Solun.
 Also recorded from Ceylon.

Genus *Comibæna*.

3498. COMIBÆNA BIPLAGIATA.

Comibæna biplagiata, Moore, Lep. Ceyl. iii, p. 435, (1887).
 Ceylon.

3499. COMIBÆNA CASSIDARIA.

Phorodesma cassidaria, Guén., Phal. i, 370, 589, (1857).
Comibæna cassidaria, Walker, Cat. Lep. Het. B. M. xxii, p. 572, (1861).
 India.

3500. COMIBÆNA CHALYBEATA.

Comibæna chalybeata, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
 Darjiling.

3501. COMIBÆNA DEVERATA.

Comibæna deverata, Walker, Cat. Lep. Het. B. M. xxii, p. 573, (1861).
Moore, Lep. Ceyl. iii, p. 433 (note), pl. 197, fig. 5,
 (1887).
 India.

3502. COMIBÆNA DISPANSA.

Comibæna dispensa, Walker, Cat. Lep. Het. B. M. xxii, p. 574, (1861).
Moore, Lep. Ceyl. iii, p. 433, (1887).
 Ceylon.

3503. COMIBÆNA DIVAPALA.

Comibæna divapala, Walker, Cat. Lep. Het. B. M. xxii, p. 575, (1861).
Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
Lep. Ceyl. iii, p. 434, pl. 195, figs. 2, 2a,
 (1887).
 Ceylon.

3504. COMIBÆNA FENESTRARIA.

Comibæna fenestraria, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
 Bengal.

3505. COMIBÆNA GLAREOSA.

Comibæna glareosa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56,
 fig. 8.
 Collection Swinhoe, Bombay.

3506. COMIBÆNA HYALINATA.

Comibæna hyalinata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
Bengal.

3507. COMIBÆNA MACULATA.

Comibæna maculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
Bengal.

3508. COMIBÆNA PANNOSA.

Comibæna pannosa, Moore, Lep. Ceyl. iii. p. 433, pl. 195, figs. 1, 1a, b,
♂, ♀, (1887).
Comibæna devezata, (var.) Walker, Cat. Lep. Het. B. M. xlii, p. 574,
(1861).
Ceylon.

3509. COMIBÆNA PARTITA.

Comibæna partita, Walker, Cat. Lep. Het. B. M. xxii, p. 573, (1861).
Butler, Ill. Typ. Lep. Het. B. M., p. 71, pl. 117, fig. 11,
(1886).
Comibæna felicitata, Walker, loc. cit. xxii, p. 579, (1861).
India, Australia.

3510. COMIBÆNA PICTIPENNIS.

Comibæna pictipennis, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 215.
Ill. Typ. Lep. Het. B. M. vi, p. 72, pl. 117,
fig. 12, (1886).
Darjiling.

3511. COMIBÆNA SANGUILINEATA.

Comibæna sanguineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 638.
Collection Swinhoe, Sikkim.

3512. COMIBÆNA SCUTULIGERA.

Agathia scutuligera, Butler, Ann. Nat. Hist. (3) vi, (1880), p. 216.
Ill. Typ. Lep. Het. B. M. vi, p. 73, pl. 118, fig.
1, (1886).
Darjiling.
Allied to *C. devezata*.

3513. COMIBÆNA SEMIALBA.

Thalera semialba, Walker, Cat. Lep. Het. B. M. xxii, p. 601, (1861).
Comibæna semialba, Moore, Lep. Ceyl. iii, p. 434, pl. 196, figs. 1, 1a,
(1887).
Ceylon, Borneo.

3514. *COMIBENA TEXTILIS*.

Thalera textilis, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 219.
 ————— Ill. Typ. Lep. Het. B. M. vi, p. 71, pl. 117, fig. 10,
 (1886).

Darjiling.

Allied to *C. divapala*.

Genus *Zamarada*.3515. *ZAMARADA TRANSLUCIDA*.

Zamarada translucida, Moore, Lep. Ceyl. iii, p. 432, pl. 197, fig. 2, ♀,
 (1887).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

Genus *Agathia*.3516. *AGATHIA ARCUATA*.

Agathia arcuata, Moore, Proc. Zool. Soc. Lond. 1867, p. 640.

Bengal.

3517. *AGATHIA BEATA*.

Agathia beata, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 218.
 ————— Ill. Typ. Lep. Het. B. M., p. 74, pl. 118, fig. 2,
 (1886).

Darjiling.

Allied to *A. hemithearia*.

3518. *AGATHIA DIVARICATA*.

Agathia (?) *divaricata*, Moore, Descr. Ind. Lep. Atk., p. 250, pl. 8, fig. 15,
 (1887).

Cherrapunji.

3519. *AGATHIA HEMITHEARIA*.

Agathia hemithearia, Guén., Phal. i, 381, 611, (1857).
 ————— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
 ————— Lep. Ceyl. iii, p. 438, pl. 197, fig. 3, ♀,
 (1887).

Sylhet, Ceylon.

3520. *AGATHIA HILARATA*.

Agathia hilarata, Guén., Phal. i, 381, 612, (1857).
 ————— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 854.

Collection Swinhoe, Solun, Poona, Bombay, Purandhur.

3521. AGATHIA INTERCISSA.

Agathia interciissa, Walker, Cat. Lep. Het. B. M. xxii, p. 592, (1861).
 ——— Moore, Lep. Ceyl. iii, p. 437, (1887).

Ceylon.

3522. AGATHIA LÆTATA.

Phalena lætata, Fabr., Ent. Syst. iii, 2, 161, (1793).
Agathia lætata, Moore, Lep. Ceyl. iii, p. 437, pl. 197, figs. 1, 1a, b, ♂, ♀,
 (1887).
Agathia catenaria, Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.

Collection Swinhoe, India.

Also recorded from Ceylon and Kanara.

3523. AGATHIA LYCENARIA.

Geometra lycanaria, Kol., Von Hug. Kasch. iv, 486, (1818).
Agathia lycanaria, Guén., Phal. i, 380, 610, (1857).
 ——— Walker, Cat. Lep. Het. B. M. xxii, p. 590, (1861); and
 xxvi, p. 1567, (1862).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
Geometra albiangularia, Herr. Sch., Exot. Schm., pl. 61, fig. 339, (1850-
 69).
Agathia discriminata, Walker loc. cit. xxii, p. 591, (1861), ♀.
 I. M., Sikkim, Kulu (Young).
 Collection Swinhoe, Solun, Khandalla.
 Also recorded from China.

3524. AGATHIA MAGNIFICA.

Agathia magnifica, Moore, Proc. Zool. Soc. Lond. 1879, p. 416.
 ——— Lep. Ceyl. iii, p. 439, pl. 197, fig. 4, ♀, (1887).
 Ceylon.

3525. AGATHIA QUINARIA.

Agathia quinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 639.
 Bengal.

3526. AGATHIA VISENDA.

Agathia visenda, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 218.
 ——— Ill. Typ. Lep. Het. B. M. vi, p. 74, pl. 118, fig. 3,
 (1886).
 Darjiling.

Genus Iodis.

3527. IODIS DETRACTA.

Geometra detracta, Walker, Cat. Lep. Het. B. M. xxii, p. 521, (1861).
Iodis detracta, Butler, Proc. Zool. Soc. Lond. 1886, p. 390.
 Campbellpur (Punjab).

3528. IODIS (?) IMMACULARIA.

Phalena immacularia, Fabr., Ent. Syst. iii, 2, 131, 7, (1793).

Iodis (?) immacularia, Walker, Cat. Lep. Het. B. M. xxii, p. 604, (1861).

Tranquebar.

3529. IODIS INDECRETATA.

Geometra (?) indecretata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1555, (1862).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.

Iodis indecretata, Moore, Lep. Ceyl. iii, p. 430, pl. 194, fig. 5, (1887).

Collection Swinhoe, Poona, Alibagh.

3530. IODIS OPALARIA.

Iodis opalaria, Guén., Phal. i, 357, 558, (1857).

— Walker, Cat. Lep. Het. B. M. xxii, p. 543, (1861).

India.

3531. IODIS QUANTULA.

Iodes quantula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855, pl. 56, fig. 6.

Collection Swinhoe, Bombay.

3532. IODIS THALASSICA.

Iodis thalassica, Moore, Lep. Ceyl. iii, p. 430, pl. 194, fig. 6, (1887).

Ceylon.

3533. IODIS THETYDARIA.

Iodis thetydaria, Guén., Phal. i, 358, 559, (1857).

— Walker, Cat. Lep. Het. B. M. xxii, p. 543, (1861).

India.

3534. IODIS VIVILACA.

Iodis vivilaca, Walker, Cat. Lep. Het. B. M. xxii, p. 544, (1861).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.

— Moore, Lep. Ceyl. iii, p. 430, pl. 195, fig. 3, ♀, (1887).

I. M., Khandalla (Swinhoe).

Collection Swinhoe, Bombay, Khandalla.

Genus *Chlorodes*.

3535. CHLORODES PASTOR.

Chlorodes pastor, Butler, Ann. Nat. Hist. (5) vi, p. 216, (1880).

— Ill. Typ. Lep. Het. B. M. vi, p. 73, pl. 117, fig. 13, (1886).

Darjiling.

Genus *Thetidea*.

3536. THETIDEA (?) RADIATA.

Thetidea (?) radiata, Walker, Cat. Lep. Het. xxvi, p. 1567, (1863).

N. India.

Genus *Eucrostis*.3537. *EUCROSTIS DISPARATA*.

- Eucrostis disparata*, Walker, Cat. Lep. Het. B. M. xxii, p. 567, (1861).
 ———— Moore, Lep. Ceyl. iii, p. 432, pl. 196, fig. 3, (1887).
Geometra parvulata, Walker, loc. cit. xxvi, p. 1555, (1862).
 ———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 855.

Collection Swinhoe, Bombay, Poona.
 Also recorded from Ceylon.

3538. *EUCROSTIS PYRRHOGONA*.

- Eucrostis pyrrhogona*, Walker, Cat. Lep. Het. B. M. xxv, p. 1610, (1866).
 S. India.

FAMILY PALYADÆ.

Genus *Eumelia*.3539. *EUMELIA AURELIATA*.

- Eumelia aureliata*, Guén., Phal. i, 394, 631, pl. 22, fig. 6, (1857).
 ———— Walker, Cat. Lep. Het. B. M. xxii, p. 611, (1861).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
 ———— Lep. Ceyl. iii, p. 440, pl. 198, figs. 4, 4a, ♂, ♀, (1887).

Collection Swinhoe, Assam.
 Also recorded from Ceylon.

3540. *EUMELIA FELICIATA*.

- Eumelia feliciata*, Guén., Phal. i, 393, 628, (1857).
 ———— Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 640.

Sylhet, Manilla.

3541. *EUMELIA FIMBRIATA*.

- Phalæna (Geometra) fimbriata*, Cram., Pap. Exot. iv, 236, pl. 398, fig. N, (1782).
Eumelia fimbriata, Walker, Cat. Lep. Het. B. M. xxii, p. 612, (1861).
Eumelia eugeniata, Guén., Phal. i, 394, 633, (1857).

India, Borneo.

3542. *EUMELIA FLAGRATA*.

- Eumelia flagrata*, Felder & R. Reise, Novara, pl. 127, fig. 39, ♀, (1874).
 Singapore.

3543. *EUMELIA FLAVATA*.

- Eumelia flavata*, Moore, Lep. Ceyl. iii, p. 440, pl. 198, fig. 3, ♀, (1887).
 Ceylon.

3544. *EUMELIA LUDOVICATA*.*Eumelia ludovicata*, Guén., Phal. i, 393, 629, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).

Moore, Proc. Zool. Soc. Lond. 1877, p. 621.

Lep. Ceyl. iii, p. 439, pl. 198, figs. 1, 1a, ♂, ♀, (1887).

Eumelia rosalia, Westw. (æœ Cram.), Duncan's Nat. Hist. Ex. Moths, p. 215, pl. 29, fig. 4, (1841).

I. M., Andaman Islands (De Roepstorff).

Collection Swinhoe, Andaman Islands, Ceylon, Nilgiri Hills.

3545. *EUMELIA ROSALIA*.*Phalæna (Geometra) rosalia*, Cram., Pap. Exot. iv, 152, pl. 368, fig. F, (1782).*Phalæna rosata*, Fabr., Ent. Syst. iii, 2, 175, 164, (1793).*Eumelia rosalia*, Walker, Cat. Lep. Het. B. M. xxii, p. 610, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 640; and 1878, p. 851.

Eumelia rosaliata, Duncan, Nat. Hist. Exot. Moths, 215, pl. 29, fig. 4, (1841).

Guén., Phal. i, 392, 626, (1857).

Ametris punicearia, Hubn., Verz. Sch. 303, 2924, (1816).

I. M., Sikkim, Sibsaghar, (Peal), Buxar (Moti Ram), Sylhet, Great Nicobar, Andaman Islands (purchased), Tavoy (Moti Ram), Nicobar Islands (purchased).

Collection Swinhoe, Sylhet, Ceylon.

Also recorded from Java and China.

3546. *EUMELIA VULPERARIA*.*Phalæna (Geometra) vulperaria*, Cram., Pap. Exot. iv, 245, pl. 400, figs. O, P., (1782).*Ametris vulpenaria*, Hübn., Verz. Sch. 303, 2923, (1816).*Eumelia vulperaria*, Guén., Phal. i, 393, 630, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 611, (1861).

Moore, Lep. Ceyl. iii, p. 439, pl. 198, fig. 2, ♂, ♀, (1887).

Phalæna gravidata, Fabr., Ent. Syst. iii, 2, 175, 163, (1793).

Coromandel, Ceylon.

Genus *Cacyparis*.3547. *CACYPARIS INSOLITATA*.*Cacyparis insolitata*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1572, (1862).

Moore, Lep. Ceyl. iii, p. 441, pl. 198, figs. 5, 5a, ♂, ♀, (1887).

Ballatha atrotumens, Walker, loc. cit. xxxiv, p. 1215, (1865).

Collection Swinhoe, Ceylon.

Also recorded from India.

3548. *CACYPARIS LÆTA*.*Ballatha læta*, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1215, (1865).

N. India.

Genus **Almodes.**

3549. **ALMODES REPLETA.**

Almodes repleta, Walker, Char. Undescr. Lep. Het. Lond., p. 111, (1869).
Sylhet.

FAMILY EPHYRIDÆ.

Genus **Ephyra.**

3550. **EPHYRA ABHADRACA.**

Ephyra abhadraca, Walker, Cat. Lep. Het. B. M. xxii, p. 636, (1861).
Cyclophora abhadraca, Moore, Lep. Ceyl. iii, p. 442, pl. 199, figs. 3, 3a,
(1887).
Ceylon.

3551. **EPHYRA DHARMSALÆ.**

Ephyra dharmasala, Butler, Proc. Zool. Soc. Lond. 1883, p. 169.
Collection Swinhoe, Dharmasala.

3552. **EPHYRA FLUIDARIA.**

Ephyra fluidaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856, fig. 10.
I. M., Karachi (Swinhoe).
Collection Swinhoe, Karachi, Poona.

3553. **EPHYRA INVEXATA.**

Epione (?) *invexata*, Walker, Cat. Lep. Het. B. M., xxvi, p. 1497, (1862).
Ephyra invexata, Swinhoe, Proc. Zool. Soc. Lond. 1885: p. 856, and 1886,
p. 455.
Cyclophora invexata, Moore, Lep. Ceyl. iii, p. 442, pl. 199, fig. 2, ♂, (1887).
Ephyra monochromata, Walker, loc. cit. xxvi, p. 1754, (1861).
Collection Swinhoe, Mhow, Belgaum, Poona.

3554. **EPHYRA PENDULARIA.**

Phalæna (*Geometra*) *pendularia*, Linn., Faun. Suec. 1244, (1761).
Clerck, Icon., pl. 7, fig. 5.
Phalæna pandularia, Fabr., Suppl. 451, 63, 64, (1798).
Schr., Faun. Boic. ii, 25, 1644.*
Geometra pendularia, Bork., Eur. Schm. v, 255, 111.*
Esp., Schm. v, 152, pl. 26, figs. 3 to 5.*
— Ill. N. Ausg. Dess. i, 424, 1.*
— Rossi, Faun. Etrusc. ii, 192, 1160.*
— Hübn., Geom., pl. 13, fig. 66.*
— Haw., Lep. 311.*
— Frey, Beitr., pl. 54, fig. 2.*
Codonia pendularia, Hübn., Verz. Schm. 303, 2915, (1816).
Cabera pendularia, Treit., Schm. iii, 1, 361, 9.*
Ephyra pendularia, Dup., Lep. v. 35, pl. 172, fig. 5.*
— Steph., Ill. Brit. Haut. iii, 199.*
— Eversm., Faun. Volg. Ural, 396.*

3554. *EPHYRA PENDULARIA*—continued.*Ephyra pendularia*, Boisd., Ind., 220, 1829.*

Sepp., Schm. vi, pl. 26, figs. 1 to 8.*

Herr Schoeff., Eur. Schm. iii, 31, 86, pl. 58, fig. 357.*

DeLah., Schm. 55.*

Guén., Phal. i, 413, 673, (1857).

Walker, Cat. Lep. Het. B. M., xxii, p. 630, (1861).

Cyclophora pendularia, Moore, Lep. Ceyl. iii, p. 442, (1887).*Phalena circularia*, Fabr., Sup. 451 64, 65.*Geometra pupillaria*, Brahm., Ins. Kal., ii, 385, 262.**Ephyra vusarmana*, Walker, loc. cit. xxii, p. 637, (1861).

Ceylon, Europe.

3555. *EPHYRA QUIETA*.*Ephyra quista*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856, pl. 56, fig. 1.*Cyclophora quista*, Moore, Lep. Ceyl. iii, p. 443, pl. 199, figs. 1, 1a, (1887).

I. M., Nilgiri Hills.

Collection Swinhoe, Bombay, Poona, Nilgiri Hills.

3556. *EPHYRA* (?) *STRIGULATARIA*.*Ephyra* (?) *strigularia*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1575, (1861).

I. M., Sikkim (purchased, also Barnes), Andaman Islands.

3557. *EPHYRA SUBDOLARIA*.*Ephyra subdolaria*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856.

Collection Swinhoe, Bombay.

Genus *Anisodes*.3558. *ANISODES ABSCONDITARIA*.*Anisodes absconditaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1580, (1862)..

South India.

3559. *ANISODES ACUTA*.*Anisodes acuta*, Moore, Lep. Ceyl. iii, p. 445, pl. 215, fig. 9, (1887).

Ceylon.

3560. *ANISODES ARENOSARIA*.*Anisodes arenosaria*, Moore, Lep. Ceyl. iii, p. 445, pl. 202, fig. 1, ♀, (1887).

Ceylon.

3561. *ANISODES CALIGATA*.*Anisodes caligata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1584, (1862).

Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 4, ♂, (1887).

Ceylon.

3562. ANISODES CARNEARIA.

Anisodes carnearia, Walker, Cat. Lep. Het. B. M. xxii, p. 644, (1861).
 ————— Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 6, ♀, (1887).
 Ceylon.

3563. ANISODES CONGRUARIA.

Anisodes congruaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 98.
 I. M., Buxar (Moti Ram).
 Also recorded from Benares.

3564. ANISODES DIFFUSARIA.

Anisodes diffusaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.
 Bengal.
 Allied to *A. pluristriaria*.

3565. ANISODES HYRIARIA.

Anisodes hyriaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1617, (1866).
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 641.
 ————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 75, pl. 118,
 fig. 5, (1886).
 I. M., Sikkim.
 Collection Swinhoe, Darjiling.

3566. ANISODES IGNORATA.

Anisodes ignorata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1584, (1862).
 ————— Moore, Lep. Ceyl. iii, p. 445, (1887).
 Ceylon.

3567. ANISODES INAPERTARIA.

Anisodes inapertaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).
 South India.

3568. ANISODES INTERPULSATA.

Anisodes interpulsata, Walker, Cat. Lep. Het. B. M. xxii, p. 642, (1861).
 India.

3569. ANISODES LIDDERDALII.

Anisodes lidderdalii, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 220.
 ————— Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118,
 fig. 6, (1886).
 Collection Swinhoe, Sikkim.

3570. ANISODES LUNULOSA.

Anisodes lunulosa, Moore, Descr. Ind. Lep. Atk., p. 250, pl. 8, fig. 8-
 (1887).
 India.

3571. *ANISODES MOOREI*.

Anisodes similaria, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1867,
p. 641.
Bengal.

3572. *ANISODES NEBULOSATA*.

Anisodes nebulosata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1583, (1862).
Moore, Lep. Ceyl. iii, p. 455, pl. 199, fig. 5, ♀, (1887).
Ceylon.

3573. *ANISODES OBRINARIA*.

Ephyra obrinaria, Guén., Phal. i, 414, 675, (1857).
Walker, Cat. Lep. Het. B. M. xxii, p. 636, (1861).
Anisodes obrinaria, Moore, Lep. Ceyl. iii, p. 443, pl. 199, fig. 4 ♂, ♀,
(1887).
Anisodes obliuaria, Walker, *loc. cit.* xxii, p. 643, ♀, (1861).
Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 856.
I. M., Andaman Islands.
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

3574. *ANISODES OVISIGNATA*.

Anisodes ovisignata, Moore, Lep. Ceyl. iii, p. 444, (1887).
Anisodes responsaria (var.), Walker, Cat. Lep. Het. B. M. xxii, p. 648,
(1861).
Ceylon.

3575. *ANISODES PALLIDA*.

Anisodes pallida, Moore, Lep. Ceyl. iii, p. 445, pl. 201, fig. 11, (1887).
Ceylon.

3576. *ANISODES PALLIVITTATA*.

Anisodes pallivittata, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.
Bengal.

3577. *ANISODES PATRUELIS*.

Anisodes patruelis, Moore, Lep. Ceyl. iii, p. 444, pl. 199, fig. 10, ♀,
(1887).
Ceylon.

3578. *ANISODES PLURISTRIARIA*.

Anisodes pluristriaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).
Moore, Proc. Zool. Soc. Lond. 1867, p. 640.
Butler, Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118,
fig. 8, (1886).
I. M., Sikkim (Barnes), Sibsaghar (Peal).
Collection Swinhoe, Darjiling.

3579. *ANISODES PUNCTIFERA*.

Anisodes punctifera, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 220.
 Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118,
 fig. 7, (1886).

Collection Swinhoe, Sikkim.

3580. *ANISODES* (?) *PYRINIATA*.

Anisodes (?) *pyriniata*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1582, (1861).
 Kanara.

3581. *ANISODES SANGUINARIA*.

Anisodes sanguinaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 641.
 Collection Swinhoe, Darjiling.

3582. *ANISODES SIMILARIA*.

Anisodes similaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1582, (1861).
 India.

3583. *ANISODES SUBROSEATA*.

Anisodes subroseata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1583, (1862).
 Moore, Lep. Ceyl. iii, p. 445, (1887).
 Ceylon.

3584. *ANISODES* (?) *VINACEARIA*.

Anisodes (?) *vinacearia*, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.
 Bengal.

Genus *Borbacha*.3585. *BORBACHA PARDARIA*.

Anisodes pardaria, Guén., Phal. i, 420, 689, (1857).
 Walker, Cat. Lep. Het. B. M. xxii, p. 646, (1861).
Borbacha pardaria, Moore, Lep. Ceyl. iii, p. 447, pl. 199, fig. 9, ♂, (1887).
 Ceylon, Borneo.

Genus *Synegia*.3586. *SYNEGIA IMITARIA*.

Anisodes imitaria, Walker, Cat. Lep. Het. B. M. xxii, p. 643, (1861).
Synegia imitaria, Moore, Lep. Ceyl. iii, p. 446, (1887).
Anisodes (?) *obrimaria*, Walker, loc. cit. xxii, p. 644, (1861).
 Ceylon.

3587. *SYNEGIA INFIXARIA*.

Caberodes infixaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1513, (1862).
Synegia infixaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 76, pl. 118, fig. 4,
 (1886).
 Collection Swinhoe, Darjiling.

Genus **Drapetodes**.3588. **DRAPETODES BILINEATA.**

Drapetodes bilineata, Walker, Char. Undescr. Lep. Het. Lond. (1869),
p. 98.

Benares.

3589. **DRAPETODES FRATERCULA.**

Drapetodes fratercula, Moore, Lep. Ceyl. iii, p. 541, pl. 200, figs. 1, 1a, ♂,
(1887).

Ceylon.

3590. **DRAPETODES MITARIA.**

Drapetodes mitaria, Guén., Phal i, p. 424, 695, pl. 18, fig. 6, (1857).

————— Walker, Cat. Lep. Het. B. M. xxii, p. 654. (1861).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 642.

Anisodes (?) *platycerata*, Walker, loc. cit. xxvi, p. 1586, (1862).

Ceylon, Sylhet, Singapore.

Genus **Argidava**.3591. **ARGIDAVA IRRORATA.**

Argidava irrorata, Moore, Descr. Ind. Lep. Atk., p. 251, (1887).

Darjiling.

3592. **ARGIDAVA PUNCTATA.**

Argidava punctata, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 128.

————— Ill. Typ. Lep. Het. B. M. vi, p. 67, pl. 117,
fig. 1, (1886).

Collection Swinhoe, Darjiling.

FAMILY CABERIDÆ.

Genus **Cabera**.3593. **CABERA MARGARITA.**

Cabera margarita, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

Collection Swinhoe, Solun, Sikkim.

3594. **CABERA PLATYLEUCATA.**

Acidalia platyleucata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1628, (1866).

Cabera platyleucata, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Genus *Terpnomiota*.3595. *TERPNOMICTA NIGRARENARIA*.

Stegania (?) *nigrarenaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 864,
(1861).
Terpnomiota nigrarenaria, Moore, Lep. Ceyl. iii, p. 463, (1887).
Ceylon.

Genus *Stegania*.3596. *STEGANIA LATIFASCIATA*.

Stegania latifasciata, Moore, Descr. Ind. Lep. Atk., p. 240, (1887).
Darjiling.

3597. *STEGANIA PURPURASCENS*.

Stegania purpurascens, Moore, Descr. Ind. Lep. Atk., p. 261, pl. 8, fig. 19,
(1887).
Darjiling.

3598. *STEGANIA UVIDULA*.

Stegania uvidula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860; and 1886,
p. 455.
Collection Swinhoe, Mhow, Poona.

Genus *Deilinia*.3599. *DEILINIA COSTATA*.

Deilinia costata, Moore, Lep. Ceyl. iii, p. 463, pl. 204, fig. 3, (1887).
Ceylon.

Genus *Teldenia*.3600. *TEL DENIA ALBA*.

Teldenia alba, Moore, Lep. Ceyl. ii, p. 120, pl. 124, figs. 1, 1a, ♂, ♀, 1b,
larva, (1882).
Ceylon.

3601. *TEL DENIA VESTIGIATA*.

Corycia vestigiata, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 222.
Teldenia vestigiata, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 77, pl. 118, fig.
10, (1886).
Darjiling.

Genus *Corycia*.3602. *CORYCIA ALBA*.

Corycia alba, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).
Darjiling.

3603. *CORYCIA CINERASCENS.*

Corycia cinerascens, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).
Darjiling.

3604. *CORYCIA MYTYLATA.*

Corycia mytylata, Guén., Phal. ii, 58, 991, (1857).
Walker, Cat. Lep. Het. B. M. xxiii, p. 873, (1861).
N. India.

FAMILY MACARIDÆ.

Genus *Macaria*.

3605. *MACARIA ACUTARIA.*

Macaria acutaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 100.
Benares.

3606. *MACARIA BOARIA.*

Macaria boaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861, pl. 56, fig. 12, ♂.
Collection Swinhoe, Poona.
Allied to *M. indotata*.

3607. *MACARIA (?) CESSARIA.*

Macaria (?) cessaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 936, (1861).
Moore, Lep. Ceyl. iii, p. 466, (1887).
Ceylon.

3608. *MACARIA DELETARIA.*

Macaria deletaria, Moore, Descr. Ind. Lep. Atk., p. 261, pl. 8, fig. 14,
(1887).
Darjiling.

3609. *MACARIA EMERSARIA.*

Macaria emersaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 925, (1861).
Moore, Proc. Zool. Soc. Lond. 1867, p. 643.
Lep. Ceyl. iii, p. 466, (1887).
I. M., Ranchi (Irvine), Sibsaghar.
Collection Swinhoe, Sikkim, Nilgiri Hills.
Also recorded from Ceylon.

3610. *MACARIA FRUGALIATA.*

Macaria frugaliata, Guén., Phal. ii, 78, 1031, (1857).
Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).
India.

3611. *MACARIA* *INDISTINCTA*.

Macaria indistincta, Moore, Descr. Ind. Lep. Atk., p. 261, (1887).
Khasi Hills.

3612. *MACARIA* *INTEGRATA*.

Macaria integrata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1648, (1862).
S. India.

3613. *MACARIA* *POSTICARIA*.

Macaria posticaria, Walker, Char. Undescr. Lep. Het. Lond., p. 99, (1869).
Benares.

3614. *MACARIA* *SOLITARIA*.

Macaria solitaria, Walker, Char. Undescr. Lep. Het. Lond., p. 99, (1869).
Benares.

3615. *MACARIA* (?) *SUBCAUDARIA*.

Macaria (?) *subcaudaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 930,
(1861).
————— Moore, Lep. Ceyl. iii, p. 467, (1887).
Ceylon.

3616. *MACARIA* *SUBTESSELLATA*.

Macaria subtescellata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1648, (1862).
Kanara.

Genus *Tephрина*.3617. *TEPHRINA* *ARENARIA*.

Tephрина arenaria, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527, pl. 48,
fig. 13.
Macaria arenaria, Swinhoe, loc. cit., 1886, p. 456.
Collection Swinhoe, Mhow, Karachi.
Allied to *M. arenacearia*, Hübn., of Europe.

3618. *TEPHRINA* *BOLINA*.

Macaria bolina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.
Collection Swinhoe, Poona, Bombay, Alibagh, Purundhur.
Allied to *T. falsaria*.

3619. *TEPHRINA* *CACAVENA*.

Macaria cacavena, Walker, Cat. Lep. Het. B. M. xxiii, p. 930, (1861).
Tephрина cacavena, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 11, 12, ♂, ♀,
(1887).
Collection Swinhoe, Ceylon.

3620. *TEPHRINA FALSARIA*.

Macaria (?) *falsaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1649, ♂, (1862).
Tephрина falsaria, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 1, 2, ♂, ♀, (1887).
Aspilates parallelaria, Walker, loc. cit. xxvi, p. 1680, ♀, (1862).
 Ceylon.

3621. *TEPHRINA INDOTATA*.

Aspilates indotata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1681, (1862).
 N. India.

3622. *TEPHRINA INFIRMATA*.

Macaria infirmata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1657, (1866).
 Ceylon.

3623. *TEPHRINA INFRICTARIA*.

Macaria infrictaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.
 Collection Swinhoe, Poona.
 Allied to *T. falsaria*.

3624. *TEPHRINA MODESTA*.

Tephрина modesta, Moore, Lep. Ceyl. iii, p. 471, pl. 204, fig. 6, ♂, (1887).
 Ceylon.

3625. *TEPHRINA OSSEA*.

Tephрина ossea, Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353, pl. 9, fig. 9.
 Collection Swinhoe, Quetta.
 Allied to *T. falsaria*.

3626. *TEPHRINA PEREMPTARIA*.

Macaria peremptaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 1629, (1861).
 — Butler, Proc. Zool. Soc. Lond. 1883, p. 171.
Tephрина peremptaria, Swinhoe, Proc. Zool. Soc. London, 1884, p. 527.
Macaria peremptaria, Swinhoe, Proc. Zool. Soc. London, 1886, p. 456.
 Collection Swinhoe, Mhow, Karachi, Poona.

3627. *TEPHRINA PULINDA*.

Cleora (?) *pulinda*, Walker, Cat. Lep. Het. B. M. xxi, p. 333, (1860).
Tephрина pulinda, Moore, Lep. Ceyl. iii, p. 471, pl. 204, figs. 7, 8, ♂, ♀, 1887.
Macaria strenuataria, Walker, loc. cit. xxvi, p. 1647, (1862).
 — Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.
Tephрина granitalis, Butler, Proc. Zool. Soc. Lond. 1883, p. 171, ♀, occasional var.
Macaria granitalis, Swinhoe, loc. cit. 1885, p. 861.
 Collection Swinhoe, Mhow, Poona.
 Also recorded from Ceylon.

3628. *TEPHRINA SCOTOSIARIA*.

Tephrina scotosiaria, Walker, Char. Undescr. Lep. Het. Lond. (1869), p. 100.

Benares.

3629. *TEPHRINA STRENUATA*.

Macaria strenuata, Walker, Cat. Lep. Het. B. M. xvi, p. 1647, ♂, (1862).

Tephrina lithina, Butler, Proc. Zool. Soc. Lond. 1883, p. 171, ♀.

——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.

Macaria lithina, Swinhoe, loc. cit. 1885, p. 861; and 1886, p. 456.

Tephrina strenuataria, Butler (*nec* Walker), Ann. Nat. Hist., (5) v, (1880), p. 224.

——— Swinhoe, loc. cit., 1884, p. 527.

I. M., Karachi.

Collection Swinhoe, Karachi, Hydrabad (Sind).

3630. *TEPHRINA ZEBRINA*.

Tephrina zebrina, Butler, Proc. Zool. Soc. Lond. 1883, p. 171.

Macaria zebrina, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861; and 1886, p. 456.

I. M., Poona, Collection Swinhoe, Mhow, Poona, Bombay, Calcutta.

Allied to *T. strenuata*.

Genus *Gubaria*.3631. *GUBARIA ELVIRATA*.

Macaria elvirata, Guén., Phal. ii, 90, 1064, (1857).

——— Walker, Cat. Lep. Het. B. M. xxiii, p. 934, (1861).

N. India.

3632. *GUBARIA FASCIATA*.

Phalæna fasciata, Fabr., Syst. Ent. 629, (1775); Ent. Syst. iii, 2 164, (1793).

Gubaria fasciata, Moore, Lep. Ceyl. iii, p. 464, pl. 203, figs. 6, a, b, (1887).

Phalæna eleonora, Cram., Pap. Exot. iii, 172, pl. 288, figs. E, F, G, (1782).

Macaria eleonora, Walker, Cat. Lep. Het. B. M. xxiii, p. 933, (1861).

——— Moore, Proc. Zool. Soc. Lond. 1887, p. 648.

——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860; and 1886, p. 455.

Macaria eleonorata et victorinata, Guén., Phal. ii, p. 89, 1062; and p. 90, 1063, (1857).

I. M., Buxar (Moti Ram), Ranchi (Irvine), Sikkim.

Collection Swinhoe, Darjiling, Solun, Kasauli, Nilgiri Hills, Mhow, Bombay.

3633. GUBARIA METAGONARIA.

Azelina metagonaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1518, (1862).

Macaria metagonaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

———— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 78p, pl. 118, and 11, (1886).

I. M., Sikkim.

Collection Swinhoe, Darjiling, Bombay, Matheran, Mahableshwar.

3634. GUBARIA NORA.

Macaria nora, Walker, Cat. Lep. Het. B. M. xxiii, p. 931, (1861).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 648; 1877, p. 633; and 1878, p. 851.

Gubaria nora, Moore, Lep. Ceyl. iii, p. 465, pl. 203, figs. 5, 5a, (1887).

I. M., Sikkim (Barnes), Buxar (Moti Ram).

Collection Swinhoe, Darjiling, Ceylon.

3635. GUBARIA XANTHONORA.

Macaria xanthonora, Walker, Cat. Lep. Het. B. M. xxiii, p. 935, (1861).

———— Butler, Ill. Typ. Lep. Het. B. M., vi, p. 78, pl. 118, fig. 12, (1886).

I. M., Buxar (Moti Ram).

Collection Swinhoe, Sikkim, Nilgiri Hills.

Genus *Gonodela*.

3636. GONODELA DIPLATATA.

Semiothisa diplatata, Felder & R. Reise, Novara, pl. 128, fig. 16, ♂, (1874).

Bengal, Kalitimga.

3637. GONODELA EFFUSATA.

Macaria effusata, Guén., Phal. ii, 87, 1057, (1857)

———— Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).

India.

3638. GONODELA FIDONIATA.

Macaria fidoniata, Guén., Phal. ii, 78, 1030, (1857).

———— Walker, Cat. Lep. Het. B. M. xxiii, p. 924, (1861).

N. India.

3639. GONODELA HEBESATA.

Macaria hebesata, Walker, Cat. Lep. Het. B. M., xxiii, p. 931, (1861).

Collection Swinhoe, Mhow.

Also recorded from China.

3640. GONODELA HONORARIA.

Macaria honoraria, Walker, Cat. Lep. Het. B. M. xxiii, p. 928, (1861).
Gonodela honoraria, Moore, Lep. Ceyl. iii, p. 468, pl. 205, fig. 12, ♀,
 (1887).

Macaria permotaria, Walker, loc. cit. xxiii, p. 928, (1861).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 648.

Ceylon, Sylhet.

3641. GONODELA HORRIDARIA.

Gonodela horridaria, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

I. M., Sikkim (Barnes), Buxar (Moti Ram).

Collection Swinhoe, Solun, Sikkim.

3642. GONODELA INCHOATA.

Macaria inchoata, Walker, Cat. Lep. Het. B. M. xxiii, p. 931, (1861).

Collection Swinhoe, Bombay.

3643. GONODELA KHASIANA.

Gonodela khasiana, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

Khasi Hills.

3644. GONODELA MYANDARIA.

[*Macaria myandaria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1649, (1862).

————— Butler, Proc. Zool. Soc. Lond. 1881, p. 616.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 861.

Collection Swinhoe, Matheran.

3645. GONODELA PERVOLGATA.

Macaria pervolgata, Walker, Cat. Lep. Het. B. M. xxiii, p. 930, (1861).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Collection Swinhoe, Poona.

Also recorded from the Punjab.

3646. GONODELA PLACIDA.

Gonodela placida, Moore, Descr. Ind. Lep. Atk., p. 262, (1887).

Calcutta, Bombay.

3647. GONODELA STRENIATARIA.

Macaria streniataria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1646, (1861).

————— Moore, Proc. Zool. Soc. London, 1867, p. 643.

I. M., Calcutta, Karachi.

Collection Swinhoe, Karachi, Hyderabad (Sind).

3648. GONODELA SUFFLATA.

Macaria sufflata, Guén., Phal. ii, 88, 1059, pl. 17, fig. 8, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 525, (1861).

Butler, Proc. Zool. Soc. Lond. 1886, p. 390.

Gonodela sufflata, Moore, Lep. Ceyl. iii, p. 467, pl. 205, figs. 5, 6, ♂, ♀, (1887).

. Rawalpindi, Ceylon.

3649. GONODELA VASUDEVA.

Macaria vasudeva, Walker, Cat. Lep. Het. B. M. xxiii, p. 933, (1861).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Gonodela vasudeva, Moore, Lep. Ceyl. iii, p. 468, pl. 205, fig. 11, ♀, (1887).

Collection Swinhoe, Nilgiri Hills, Bombay.

Also recorded from Ceylon.

Genus *Evarzia*.

3650. EVARZIA INDICA.

Evarzia indica, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 222.

Ill. Typ. Lep. Het. B. M. vi, p. 79, pl. 118, fig. 13, (1886).

Darjiling.

3651. EVARZIA PERSPICUARIA.

Macaria perspicuaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 647.

Collection Swinhoe, Sikkim.

Allied to *Evarzia ozararia*, Walker, of Borneo.

3652. EVARZIA TRILINEARIA.

Evarzia trilinearia, Moore, Descr. Ind. Lep. Atk., p. 263, (1887).

Darjiling.

Genus *Zeheba*.

3653. ZEHEBA AUREATA.

Zeheba aureata, Moore, Descr. Ind. Lep. Atk., p. 263, (1887).

Darjiling.

3654. ZEHEBA MARGINATA.

Evarzia marginata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1561, ♀, (1866).

Zeheba marginata, Moore, Lep. Ceyl. iii, p. 469, pl. 205, fig. 8, ♀, (1887).

Ceylon, Java.

Genus *Azata*.

3655. AZATA FERRUGINATA.

Azata ferruginata, Moore, Lep. Ceyl. iii, p. 470, pl. 205, fig. 2, (1887).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

3656. *AZATA QUADRARIA.*

Azata quadraria, Moore, Lep. Ceyl. iii, p. 469, pl. 205, fig. 1, (1887).
Ceylon.

Genus *Carige*.

3657. *CARIGE LUNULINEATA.*

Carige lunulineata, Moore, Descr. Ind. Lep. Atk., p. 263, pl. 8, fig. 26, (1887).
Darjiling.

Genus *Zarmigethusa*.

3658. *ZARMIGETHUSA BIANGULIFERA.*

Zarmigethusa biangulifera, Moore, Descr. Ind. Lep. Atk. p. 263, (1887).
Darjiling.

3659. *ZARMIGETHUSA EXTERSARIA.*

Macaria extersaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 926, (1861).
India.

3660. *ZARMIGETHUSA MINOR.*

Zarmigethusa minor, Moore, Descr. Ind. Lep. Atk. p. 264, (1887).
Calcutta.

Genus *Krananda*.

3661. *KRANANDA SEMIHYALINA.*

Krananda semihyalina, Moore, Proc. Zool. Soc. Lond. 1867, p. 648.
Bengal.

FAMILY FIDONIDÆ.

Genus *Sterrha*.

3662. *STERRHA PAULULA.*

Sterrha paulula, Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 41, fig. 7.
Collection Swinhoe, Mhow.

3663. *STERRHA SACRARIA.*

Phalena (Geometra) saccaria, Linn., Syst. Nat. i, 2, p. 863, 220, (1766).
Phalena saccaria, Fabr., Sp. Ins. ii, 262, 57, (1781).
Mant. Ins. ii, 195, 88, (1787).
Ent. Syst. iii, 2, 159, 106, (1793).
Geometra saccaria, Esp., Schm. v, 171, pl. 30, figs. 8, 9, (1794).*
Hübner, Geom., pl. 38, fig. 200, (1805—24).*
Aspilotes saccaria, Dup., Lep. v, 121, pl. 178, fig. 7, (1832).*
Sterrha saccaria, Herr. Sch., Eur. Schm. iii, 108, 6, pl. 43, fig. 264.*

3663. *STERRHA SACRARIA*,—*cont'd.**Sterrha sacraria*, Guén., Phal. ii, p. 175, 1206, (1857).

————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1058, (1862).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528; 1885, p. 862, and 1886, p. 456.

————— Trans. Ent. Soc. Lond. 1885, p. 352.

————— Butler, Proc. Zool. Soc. Lond. 1886, p. 390.

Geometra sanguinaria, Esper. Schm. v, p. 173, pl. 30, figs. 10, 11.

I. M., Kulu (Young).

Collection Swinhoe, Kandahar, Quetta, Karachi, Mhow, Jacobabad, Mahableshwar, Alibagh.

Also recorded from Europe.

Genus *Rumia*.3664. *RUMIA ABLUNATA*.*Rumia ablunata*, Guén., Phal. i, 110, 170, (1857).

————— Walker, Cat. Lep. Het. B. M. xx, p. 138, (1866).

India.

3665. *RUMIA MIMULINA*.*Rumia mimulina*, Butler, Proc. Zool. Soc. Lond. 1886, p. 388.

I. M., Kulu (Young).

Collection Swinhoe, Thundiani (Punjab).

3666. *RUMIA PANGIARIA*.*Ophistograptis pangiaria*, Felder & R. Reise, Novara, pl. 123, fig. 4, ♂, (1873).

I. M., Kulu (Young).

Collection Swinhoe, Solun.

3667. *RUMIA SULPHUREA*.*Rumia sulphurea*, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 123.

————— Ill. Typ. Lep. Het. B. M. vi, p. 64, pl. 114, fig. 6, (1886).

Darjiling.

3668. *RUMIA TRIDENTIFERA*.*Rumia tridentifera*, Moore, Descr. Ind. Lep. Atk., p. 230, (1887).

Darjiling.

Genus *Phyletis*.3669. *PHYLETIS CINERASCENS*.*Phyletis cinerascens*, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Kashmir, Pir (Punjab).

3670. PHYLETIS HERBICOLENS.

Delocharis herbicolens, Butler, Proc. Zool. Soc. Lond. 1883, p. 173.

Phyletis herbicolens, Butler, Proc. Zool. Soc. Lond. 1886, p. 391.

Collection Swinhoe, Solun.

3671. PHYLETIS INCONSPICUA.

Phyletis inconspicua, Butler, Proc. Zool. Soc. Lond. 1886, p. 391.

Murræ.

Allied to *P. meonaria*.

3672. PHYLETIS KHASIANA.

Phyletis khasiana, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Khasi Hills.

3673. PHYLETIS MEONARIA.

Phyletis meonaria, Guén., Phal. ii, 170, 1199, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1053, (1862).

N. India.

3674. PHYLETIS PELLONIARIA.

Phyletis pelloniaria, Guén., Phal. ii., 169, 1197, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1053, (1862).

Collection Swinhoe, Thundiani (Punjab).

3675. PHYLETIS SIMILATA.

Phyletis similata, Moore, Descr. Ind. Lep. Atk., p. 264, (1887).

Khasi Hills.

Genus *Fidonia*.

3676. FIDONIA ALBOFASCIA.

Fidonia albofascia, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527, pl. 48,
fig. 14.

Collection Swinhoe, Karachi, Hyderabad (Sind).

3677. FIDONIA (?) DUPLICATA.

Fidonia (?) *duplicata*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1035, (1862).

N. India.

Genus *Epifidonia*.

3678. EPIFIDONIA SIGNATA.

Epifidonia signata, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35,
fig. 9.

I. M., Kulu (Young).

Genus *Aspilates*.3679. *ASPILATES* (?) *DISISTARIA*.

Aspilates (?) *disistaria*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1073, (1862).
N. India.

3680. *ASPILATES* *FALCONARIA*.

Aspilates falconaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1665, (1866).
Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

Collection Swinhoe, Darjiling.

3681. *ASPILATES* *OBLIQUARIA*.

Aspilates obliquaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
Collection Swinhoe, Kasauli.

Genus *Corymica*.3682. *CORYMICA* *ARNEARIA*.

Corymica arnearia, Walker, Cat. Lep. Het. B. M. xx, p. 231, ♀, (1860).
Moore, Proc. Zool. Soc. Lond. 1878, p. 851.
Lep. Ceyl. iii, p. 473, pl. 205, figs. 9, 10, (1887).
Caprilia vesicularia, Walker, loc. cit., xxxv, p. 1569, ♂, (1866).
Moore, Proc. Zool. Soc. Lond. 1867, p. 649.

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

Also recorded from Tenasserim and Assam.

3683. *CORYMICA* *CAUSTOLOMARIA*.

Corymica caustolomaria, Moore, Deser. Ind. Lep. Atk., p. 231, (1887).
Darjiling.

3684. *CORYMICA* *SPECULARIA*.

Caprilia specularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 649, pl. 33,
fig. 11.

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Assam.

Genus *Nobilis*.3685. *NOBILIA* *TURBATA*.

Nobilis turbata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1098, (1862).
Moore, Proc. Zool. Soc. Lond. 1867, p. 650.

I. M., Sibsaghar, Sikkim (Barnes), Andaman Islands (De
Roepstorff).

Collection Swinhoe, Sikkim.

Genus **Gamoruna**.3686. **GAMORUNA PALPARIA**.

Panagra palparia, Walker, Cat. Lep. Het. B. M. xxiii, p. 988, (1861).
Gamoruna palparia, Moore, Descr. Ind. Lep. Atk., p. 265, (1887).
 India.

Genus **Ozola**.3687. **OZOLA MICRONIARIA**.

Ozola microniaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1080, (1862).
 ——— Moore, Lep. Ceyl. iii, p. 474, pl. 204, figs. 9, 10, ♂, ♀,
 (1887).
Phibalapterix acutata, Walker, loc. cit., xv, p. 1340, (1862).
 Ceylon.

Genus **Oruza**.3688. **ORUZA COSTATA**.

Oruza costata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1089, (1862).
 India.

Genus **Hileia**.3689. **HILEIA CRAMBISATA**.

Hileia crambisata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1100, (1862).
 N. India.

Genus **Utidava**.3690. **UTIDAVA INCOMPTARIA**.

Utidava incomptaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1689, (1862).
 Ceylon.

Genus **Prionia**.3691. **PRIONIA SQUALIDARIA**.

Prionia squalidaria, Hubn., Zuträge, iv, 40, figs. 787, 8, ♀, (1832).*
 ——— Guén., Phal. i, 144, 230, (1857).
 ——— Walker, Cat. Lep. Het. B. M. xx, p. 175, (1860).
 ——— Moore, Lep. Ceyl. iii, p. 476, pl. 205, figs. 3, 4, ♂, ♀,
 (1887).
Prionia violacearia, Guén., Phal. i, 144, 231, (1857).
 ——— Walker, loc. cit., xx, p. 176, (1860).
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.
Osicerda alienata, Walker, loc. cit., xxiv, p. 1084, (1862).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
Celesdera schistifusata, Walker, loc. cit., xxvi, p. 1749, (1862).
 I. M., Sikkim.
 Collection Swinhoe, Darjiling, Poona, Alibagh.

Genus **Osicerda**.3692. **OSICERDA COSTIMACULATA**.

Osicerda costimaculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
 Collection Swinhoe, Sikkim.

3693. *OSICERDA TRINOTARIA*.

Osicerda trinotaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 650.
Collection Swinhoe, Sikkim.

Genus *Zomia*.3694. *ZOMIA INCITATA*.

Omiza incitata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1085, (1862).
Zomia incitata, Moore, Proc. Zool. Soc. Lond. 1867, p. 650.

I. M., Sikkim (purchased, also Barnes), Andaman Islands
(purchased).
Collection Swinhoe, Darjiling, Khandalla, Nilgiri Hills.

3695. *ZOMIA SERPENTINARIA*.

Timandra (?) *serpentinaria*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1634,
(1866).

Zomia serpentinaria, Moore, Lep. Ceyl. iii, p. 475, (1887).
Ceylon.

3696. *ZOMIA PALLIDA*.

Zomia pallida, Moore, Proc. Zool. Soc. Lond. 1877, p. 622.
Andaman Islands.

Genus *Plutodes*.3697. *PLUTODES CYCLARIA*.

Plutodes cyclaria, Guén., Phal. ii, 118, 1111, pl. 20, fig. 3, (1857).
Walker, Cat. Lep. Het. B. M. xxiii, p. 976, (1861).

Collection Swinhoe, Solun, Punjab.

3698. *PLUTODES DISCIGERA*.

Plutodes discigera, Butler, Ann. Nat. Hist. 5, vi, (1880), p. 223.
Ill. Typ. Lep. Het. B. M., vi, p. 80, pl. 119, fig.
2, (1886).

Collection Swinhoe, Sikkim.

3699. *PLUTODES EXQUISITA*.

Plutodes exquisita, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 223.
Ill. Typ. Lep. Het. B. M. vi, p. 80, pl. 119,
fig. 4, (1886).

I. M., Sikkim (purchased).
Collection Swinhoe, Sikkim.

3700. *PLUTODES FLAVESCENS*.

Plutodes flavescens, Butler, Ann. Nat. Hist.; (5) vi, (1880), p. 223.
Ill. Typ. Lep. Het. B. M. vi, p. 80, pl. 119,
fig. 3, (1886).

I. M., Sikkim (purchased).

3701. *PLUTODES SUBCAUDATA*.

Plutodes subcaudata, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 224.
 Ill. Typ. Lep. Het. B. M. vi, p. 81, pl. 119,
 fig. 5, (1886).

Darjiling.

3702. *PLUTODES TRANSMUTATA*.

Plutodes transmutata, Walker, Cat. Lep. Het. B. M. xxiii, p. 976, (1861).
 Butler, Ill. Typ. Lep. Het. B. M. vi, p. 79, pl. 119,
 fig. 1, (1886).
 ———— Moore, Lep. Ceyl iii, p. 472, pl. 205, fig. 7, (1887).
Comibana gavisata, Walker, loc. cit. xxvi, p. 1566, (1862).

Collection Swinhoe, Kbandalla.

Genus *Achrosis*.3703. *ACHROSIS PYRRHULARIA*.

Achrosis pyrrhularia, Guén., Phal. ii, 539, 1780, (1857).
 Walker, Cat. Lep. Het. B. M. xxv, p. 1477, (1862).
Pagrasa instabilata, Walker, loc. cit. xxiv, p. 1086, (1862).
 Butler, Ill. Typ. Lep. Het. B. M. p. 82, pl. 119, fig. 7,
 (1886).

I. M., Sibsaghar (Peal), Sikkim (purchased).

Collection Swinhoe, Sylhet.

3704. *ACHROSIS RUFESCENS*.

Pagrasa rufescens, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 224.
 Ill. Typ. Lep. Het. B. M. vi, p. 81, pl. 119, fig.
 6, (1886).

I. M., Sikkim (purchased).

Genus *Hypochrosis*.3705. *HYPOCHROSIS FESTIVARIA*.

Phalæna festiviaria, Fabr., Ent. Syst. iii, 2, 152, 84, (1793).
Hypochrosis festiviaria, Guén., Phal. ii, 537, 1777, (1857).
 Walker, Cat. Lep. Het. B. M., xxv, p. 1476, (1862).

India.

3706. *HYPOCHROSIS HYADARIA*.

Hypochrosis hyadaria, Guén., Phal. ii, 537, 1776, (1857).
 Walker, Cat. Lep. Het. B. M., xxv, p. 1475, (1862).

India.

3707. *HYPOCHROSIS JASMINARIA*.

Hypochrosis jasminaria, Guén., Phal. ii, 538, 1779, (1857).
 Walker, Cat. Lep. Het. B. M., xxv, p. 1476, (1862).

India.

3708. *HYPOCHROISIS STERNARIA*.*Hypochrosis sternaria*, Guén., Phal. ii, 537, 1775, (1857).Walker, Cat. Lep. Het. B. M., xv, p. 1475, (1862).

India.

Genus *Janarda*.3709. *JANARDA ACUMINATA*.*Janarda acuminata*, Moore, Descr. Ind. Lep. Atk. p. 265, (1887).

Darjiling.

FAMILY ZERENIDÆ.

Genus *Rhyparia*.3710. *RHYPARIA DUCTARIA*.*Rhyparia ductaria*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1111, (1862).Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Sikkim.

Collection Swinhoe, Sikkim.

3711. *RHYPARIA MACULATA*.*Rhyparia maculata*, Proc. Zool. Soc. Lond. 1867, p. 651.

Bengal.

3712. *RHYPARIA TRANSECTATA*.*Rhyparia transectata*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1112, (1862).Moore, Proc. Zool. Soc. Lond. 1867, p. 651.Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.

Collection Swinhoe, Khandalla.

Also recorded from the Himalayas.

Genus *Perncia*.3713. *PERNCIA BELLUARIA*.*Perncia belluaria*, Guén., Phal. ii, 217, 1279, (1857).Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

I. M., Sikkim, Shillong.

3714. *PERNCIA FELINARIA*.*Perenia felinaria*, Guén., Phal. ii, p. 216, 1278, pl. 19, fig. 1, (1857).Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Naga Hills, Khasi Hills, Sikkim (purchased).

Collection Swinhoe, Sylhet, Assam.

3715. *PERONIA FORARIA*.*Percnia foraria*, Guén., Phal. ii, 217, 1280, (1857).Walker, Cat. Lep. Het. B. M. xxiv, p. 1133, (1862).

India, China.

3716. *PERONIA GUTTATA*.*Percnia guttata*, Felder & R. Reine, Novara, pl. 130, fig. 15, ♂, (1874).

Darjiling.

Genus *Nelcynda*.3717. *NELCYNDA RECTIFICATA*.*Nelcynda rectificata*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1142, (1862).Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

Bengal.

Genus *Vindusara*.3718. *VINDUSARA COMPOSITATA*.*Abraxas compositata*, Guén., Phal. ii, p. 207, 1266, (1857).Walker, Cat. Lep. Het. B. M. xxiv, p. 1120, (1862).*Vindusara compositata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 653, pl. 32, fig. 6.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

3719. *VINDUSARA METACHROMATA*.*Abraxas metachromata*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1122, (1862).*Vindusara metachromata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.Butler, Ill. Typ. Lep. Het. B. M. vi, p. 84, pl. 120, fig. 1, (1886).

I. M., Kulu (Young), Mussourie (Templeton).

Collection Swinhoe, Solun, Darjiling.

Genus *Icterodes*.3720. *ICTERODES CONSOCIA*.*Abraxas consocia*, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 226.*Icterodes consocia*, Butler, Ill. Typ. Lep. Het. B. M., vi, p. 84, pl. 119, fig. 11, (1886).

N.-E. Himalayas.

3721. *ICTERODES CONSPERSA*.*Abraxas conspersa*, Butler, Ann. Nat. Hist. (5) vi, (1880), p. 225.*Icterodes conspersa*, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 83, pl. 119, fig. 10, (1886).

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

Allied to *I. lapsariata*.

3722. *ICTERODES LAPSAEATA*.

Abraxas lapsaeata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1121, (1862).
Moore, Proc. Zool. Soc. Lond., 1867, p. 652.

I. M., Cherrapunji, Belasapur.

Genus *Calcula*.

3723. *CALCULA EXANTHEMATA*.

Calcula exanthemata, Moore, Descr. Ind. Lep. Atk., p. 266, (1887).
Darjiling.

Genus *Metabraxas*.

3724. *METABRAXAS FALCIPENNIS*.

Metabraxas falcipennis, Moore, Descr. Ind. Lep. Atk., p. 266, pl. 8, fig. 29, (1887).

Khasi Hills.

Genus *Callabraxas*.

3725. *CALLABRAXAS AMANDA*.

Callabraxas amanda, Butler, Ann. Nat. Hist. (5), vi, (1880), p. 226.
Ill. Typ. Lep. Het. B. M. vi, p. 84, pl. 119, fig. 12, (1886).

Darjiling.

3726. *CALLABRAXAS LANGUIDATA*.

Abraxas languidata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1122, (1862).
Collection Swinhoe, Tokei.
Also recorded from Nepal.

Genus *Abraxas*.

3727. *ABRAXAS CATENARIA*.

Melanippe catenaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 655, pl. 33 fig. 9.

Collection Swinhoe, Darjiling.

3728. *ABRAXAS COUAGGARIA*.

Abraxas couaggaria, Gnén., Phal. ii, 202, 1253, (1857).
Walker, Cat. Lep. Het. B. M. xxiv, p. 1127, (1862),
and xxvi, p. 1694, (1862).

India.

3729. *ABRAXAS DETRITARIA*.

Abraxas detritaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1125, (1862)
and xxvi, p. 1694, (1862).

S. India.

3730. ABRAXAS FASCIARIA.

Zerene fasciaria, Guér., Voy. Deless. Hist. Nat., p. 96, pl. 26, fig. 5, (1843).

Abraxas fasciaria, Guén., Phal. ii, 205, 1260, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1119, (1862).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862.

Collection Swinhoe, Belgaum, Nilgiri Hills.

3731. ABRAXAS FUSCESCENS.

Abraxas fuscescens, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35, fig. 10.

I. M., Kulu (Young).

Also recorded from the Punjab.

3732. ABRAXAS GIRAFFATA.

Abraxas giraffata, Guén., Phal. ii, 205, 1258, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).

Collection Swinhoe, Darjiling.

Also recorded from China.

3733. ABRAXAS HYPATA.

Abraxas hypata, Felder & R. Reise, Novara, pl. 130, fig. 16, (1874).

India.

3734. ABRAXAS IRRORATA.

Abraxas irrorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 652.

Darjiling.

3735. ABRAXAS LABRARIA.

Abraxas labraria, Guén., Phal. ii, 203, 1255, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1127, (1862).

India.

3736. ABRAXAS LEOPARDINA.

Zerene leopardina, Koll., Hug. Kasch. iv, 490, (1848).

Abraxas leopardinata, Guén., Phal. ii, p. 206, 1262, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1119, (1862);
and xxvi, p. 1694, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Sikkim (purchased), Kulu (Young), North Khasi Hills.

Collection Swinhoe, Solun, Kangra, Sylhet.

Allied to *A. martaria*.

3737. ABRAXAS MARTARIA.

Abraxas martaria, Guén., Phal. ii, p. 205, 1258, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

Journ. As. Soc. Beng. liii, pt. 2, No. 3, p. 237,
(1884).

I. M., Kulu (Young), Sibsagar (Peal), Cherrapunji, Buxar
(Moti Ram), Sylhet, North Khasi Hills, Sikkim.

Collection Swinhoe, Sylhet.

3738. *ABRAXAS PARDARIA*.

Abraxas pardaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 662
Bengal.

3739. *ABRAXAS PICARIA*.

Abraxas picaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 662.
Bengal.

3740. *ABRAXAS PUSILLA*.

Abraxas pusilla, Butler, Ann. Nat. Hist., (5) vi, (1880), p. 225.
——— Ill. Typ. Lep. Het. B. M., p. 83, pl. 119, fig. 9,
(1886).

Collection Swinhoe, Darjiling.
Allied to *A. leopardina*.

3741. *ABRAXAS SPONTANEATA*.

Abraxas spontaneata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1120,
(1862).
N. India.

3742. *ABRAXAS* (?) *TENEBRARIA*.

Abraxas (?) *tenebraria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.
Collection Swinhoe, Sikkim.

3743. *ABRAXAS TIGRATA*.

Abraxas tigrata, Guén., Phal. ii, p. 202, 1252, (1857).
——— Walker, Cat. Lep. Het. B. M. xxiv, p. 1118, (1862).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 651.

I. M., Sikkim.
Collection Swinhoe, Darjiling.

3744. *ABRAXAS VIRGINALIS*.

Abraxas virginalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 392, pl. 35,
fig. 11.

Collection Swinhoe, Pegu.
Also recorded from Murree.

Genus *NAXA*.3745. *NAXA PUNCTICILIA*.

Naxa puncticilia, Moore, Proc. Zool. Soc. Lond. 1872, p. 575.
Nilgiri Hills.

3746. *NAXA TEXTILIS*.

Naxa textilis, Walker, Cat. Lep. Het. B. M. vii, p. 1743, (1856).

————— Moore, Journ. As. Soc. Beng. vol. liii, pt. 2, No. 3, (1884).

I. M., Cachar (Wood-Mason), Sibsaghar (Peal), Buxar (Moti Ram), Sikkim (purchased).

Collection Swinhoe, Sylhet, Ceylon.

Genus *Potera*.3747. *POTERA MARGINATA*.

Potera marginata, Moore, Proc. Zool. Soc. Lond. 1878, p. 852, pl. 53, fig. 9.

Tenasserim.

Genus *Orthostixis*.3748. *ORTHOSTIXIS HÜGELI*.

Orthostixis hügeli, Felder, & R. Reise, [Novara, pl. 130, fig. 19, ♂, (1874).

Sylhet, Kashmir.

Genus *Hybernia*.3749. *HYBERNIA HYBERNARIA*.

Hybernia hybernaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 862, pl. 56, fig. 4.

Bombay.

Genus *Onellaba*.3750. *ONELLABA BOTYDATA*.

Onellaba botydata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1140, (1862).

S. India.

Genus *Ligdia*.3751. *LIGDIA COCTATA*.

Ligdia coctata, Guén., Phal. ii, 210, 1270, (1857).

————— Walker, Cat. Lep. Het. B. M. xxiv, p. 1128, (1862).

N. India.

Genus *Thaleridia*.3752. *THALERIDIA PRUINOSA*.

Thaleridia pruinosa, Moore, Descr. Ind. Lep. Atk., p. 267, (1867).

Darjiling.

FAMILY LARENTIDÆ.

Genus *Oporabia*.3753. *OPORABIA MACULARIA*.

Oporabia macularia, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.
Bengal.

Genus *Lycauges*.3754. *LYCAUGES ALBATUS*.

Lycauges albatus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 852, pl. 56,
fig. 5.
Collection Swinhoe, Poona, Karachi.

3755. *LYCAUGES DEFAMATARIA*.

Acidalia defamataria, Walker, Cat. Lep. Het. B. M. xxii, p. 752, (1861).
Idea defamataria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.
Lycauges defamataria, Moore, Lep. Ceyl. iii, p. 456, pl. 201, fig. 2 ♀,
(1887).
Collection Swinhoe, Poona, Bombay, Karachi, Nilgiri Hills,
Alibagh.
Also recorded from Ceylon.

3756. *LYCAUGES DEMISSUS*.

Lycauges demissus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 456.
Collection Swinhoe, Mhow, Karachi, Tatta (Sind), Alibagh.

3757. *LYCAUGES POSTVITTATA*.

Lycauges postvittata, Moore, Lep. Ceyl. iii, p. 456, pl. 201, fig. 12 ♀,
(1887).
Ceylon.

Genus *Larentia*.3758. *LARENTIA AERATA*.

Larentia aerata, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.
I. M., Sikkim.

3759. *LARENTIA CONTURBATA*.

Larentia conturbata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1703, (1862).
I. M., Kulu (Young).
Collection Swinhoe, Cashmir, Solun, Nilgiri Hills, Thundiani
(Punjab).

3760. *LARENTIA EXLITURATA*.

Larentia exliturata, Walker, Cat. Lep. B. M. xxiv, p. 1195, (1862).
Collection Swinhoe, Solun.

3761. LARENTIA FISSIFERATA.

Larentia fissiferata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1194, (1862).
 Batler, Proc. Zool. Soc. Lond. 1881, p. 617.

Collection Swinhoe, Nilgiri Hills.

3762. LARENTIA INDICARIA.

Eubolia indicaria, Guér., Voy. Delessert, 97, pl. 26, fig. 4, (1843).

Larentia indicaria, Guén., Phal. ii, 269, 1840, (1857).

 Walker, Cat. Lep. Het. B. M. xxiv, p. 1193, (1862).

Enbotia hediscaria, Walker, loc. cit. xxvi, p. 11739, (1862).

Nilgiri Hills.

3763. LARENTIA INTERMIXTA.

Larentia intermixta, Walker, Cat. Lep. Het. B. M. xxiv, p. 1194, (1862).

S. India.

3764. LARENTIA OCHREATA.

Larentia ochreata, Moore, Descr. Ind. Lep. Atk., p. 267, (1837).

Darjiling.

3765. LARENTIA PERFICITA.

Lucia perficita, Walker, Cat. Lep. Het. B. M. xv, p. 1809, (1858).

Larentia perficita, Moore, Lep. Ceyl. iii., p. 478, (1887).

Larentia comprehensata, Walker, loc. cit., xxvi, p. 1703, ♂, (1862).

Ceylon.

3766. LARENTIA VARIEGATA.

Larentia variegata, Moore, Proc. Zool. Soc. Lond. 1867, p. 653.

Bengal.

Genus *Eupithecia*.

3767. EUPITHECIA ATTENUATA.

Eupithecia attenuata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 3, ♂,
 (1887).

Ceylon.

3768. EUPITHECIA CONSCENSA.

Eupithecia conscensa, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57,
 fig. 8.

Collection Swinhoe, Poona.

3769. EUPITHECIA COSTIPANNARIA.

Eupithecia costipannaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.

Bengal.

3770. *EUPITHECIA DECORATA*.

Eupithecia decorata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Darjiling.

3771. *EUPITHECIA FERRUGINARIA*.

Eupithecia ferruginaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.
Darjiling.

3772. *EUPITHECIA GRISEIPENNIS*.

Eupithecia (?) *griseipennis*, Moore, Descr. Ind. Lep. Atk., p. 269, pl. 8, fig. 28, (1887).
Cherrapunji.

3773. *EUPITHECIA INCURVATA*.

Eupithecia incurvata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Khasi Hills.

3774. *EUPITHECIA LINEOSA*.

Eupithecia lineosa, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Darjiling.

3775. *EUPITHECIA PALPATA*.

Cidaria palpata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).
Eupithecia palpata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 6, ♀, (1887).
I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

3776. *EUPITHECIA POLYCLEATA*.

Botys polyclealis, Walker, Cat. Lep. Het. B. M. xix, p. 998, ♀, (1859).
Eupithecia polycleata, Moore, Lep. Ceyl. iii, p. 478, (1887).
Ceylon.

3777. *EUPITHECIA RAJATA*.

Eupithecia rajata, Guén., Phal. ii, 328, 1432, (1857).
Walker, Cat. Lep. Het. B. M. xxiv, p. 1243, (1862).
India.

3778. *EUPITHECIA SATURATA*.

Larentia saturata, Guén., Phal. ii, 269, 1339, (1857).
Walker, Cat. Lep. Het. B. M. xxiv, p. 1193, (1862).
Eupithecia saturata, Moore, 2nd Yarkand Mission, Calcutta, p. 16, (1879).
Yarkand, Pondicherry.

3779. *EUPITHECIA SEMICIRCULATA*.

Eupithecia semicirculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 654.
Collection Swinhoe, Darjiling.

3780. *EUPITHECIA TESTACEA*.

Eupithecia testacea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57,
fig. 15.
Poona.

3781. *EUPITHECIA USTATA*.

Eupithecia ustata, Moore, Descr. Ind. Lep. Atk., p. 268, (1887).
Darjiling.

3782. *EUPITHECIA VARIEGATA*.

Eupithecia variegata, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 5, (1887).
Ceylon.

3783. *EUPITHECIA VIRESCENS*.

Eupithecia virescens, Moore, Lep. Ceyl. iii, p. 479, pl. 206, fig. 4, (1887).
Ceylon.

Genus *Ardonis*.3784. *ARDONIS CHLOROPHILATA*.

Eupithecia chlorophilata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1768, ♀,
(1862).
Ardonis chlorophilata, Moore, Descr. Ind. Lep. Atk., p. 269, (1887).
Bhotan, Darjiling.

Genus *Iramba*.3785. *IRAMBA ADMIXTARIA*.

Eupithecia admixtaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1243, ♀,
(1862).
Iramba admixtaria, Moore, Lep. Ceyl. iii, p. 481, (1887).
Ceylon.

3786. *IRAMBA BILINEA*.

Eupithecia bilinea, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 863, pl. 57,
fig. 7.
Collection Swinhoe, Poona.
Allied to *I. immixtaria*.

3787. *IRAMBA IMMIXTARIA*.

Eupithecia immixtaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1244,
(1862).
Iramba immixtaria, Moore, Lep. Ceyl. iii, p. 481, (1887).
Ceylon.

3788. IRAMBA RECENSITARIA.

Eupithecia recensitaria, Walker, Cat. Lep. Het. xxiv, p. 1244, (1862).
Iramba recensitaria, Moore, Lep. Ceyl. iii, p. 481, (1887).

Ceylon.

3789. IRAMBA TIBIALIS.

Iramba tibialis, Moore, Lep. Ceyl. iii, p. 481, pl. 206, fig. 2, ♀, (1887).

Ceylon.

Genus **Calluga**.

3790. CALLUGA COSTALIS.

Calluga costalis, Moore, Lep. Ceyl. iii, p. 480, pl. 206, fig. 1, ♂, (1887).

Ceylon.

Genus **Emmelesia**.

3791. EMMELESIA PICTARIA.

Emmelesia pictaria, Moore, Descr. Ind. Lep. Atk., p. 267, (1887).

Darjiling.

Genus **Remodes**.

3792. REMODES ABNORMIS.

Remodes abnormis, Moore, Descr. Ind. Lep. Atk., p. 271, pl. 8, fig. 11,
 (1887).

Cherrapunji.

3793. REMODES DECUSSATA.

Sauris decussata, Moore, Proc. Zool. Soc. Lond. 1867, p. 655, pl. 33, fig.
 10.

Bengal.

3794. REMODES FASCIATA.

Remodes fasciata, Moore, Descr. Ind. Lep. Atk., p. 270, (1887).

Cherrapunji.

3795. REMODES HIRUDINATA.

Sauris hirudinata, Guén., Phal. ii, 362, 1486, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, (1862).

Remodes hirudinata, Moore, Lep. Ceyl. iii, p. 484, (1887).

I. M., Ceylon (Colombo Museum).

Collection Swinhoe, Ceylon.

3796. REMODES IGNOBILIS.

Sauris ignobilis, Butler, Ann. Nat. Hist., (5), vi, p. 227, (1880).

Ill. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig.
 9, (1886).

Darjiling.

3797. REMODES INTERRUPTATA.

Remodes interruptata, Moore, Descr. Ind. Lep. Atk., p. 270, (1887).
Darjiling, Khasi Hills.

3798. REMODES LINEOSA.

Remodes lineosa, Moore, Descr. Ind. Lep. Atk., p. 270, pl. 8, fig. 10, (1887).
Darjiling.

3799. REMODES NIGRIPALPATA.

Sauris nigripalpata, Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, (1862).
Remodes nigripalpata, Moore, Lep. Ceyl. iii, p. 484, (1887).
Ceylon.

3800. REMODES PROBOSCIDARIA.

Sauris proboscidaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1252, ♀,
(1862).
Remodes proboscidaria Moore, Lep. Ceyl. iii, p. 484, pl. 207, fig. 6, ♀,
(1887).
Ceylon.

3801. REMODES REMODESARIA.

Sauris remodesaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1253, (1862).
Remodes remodesaria, Moore, Lep. Ceyl. iii, p. 484, pl. 207, figs. 3 ♂,
5 & 2 ♀, (1887).
Ceylon, Australia.

3802. REMODES TRISERIATA.

Remodes triseriata, Moore, Lep. Ceyl. iii, p. 485, pl. 207, figs. 1 ♂, 4 ♀,
(1887).
Ceylon.

Genus *Brabira*.

3803. BRABIRA ATKINSONII.

Brabira atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 271, (1887).
Darjiling.

3804. BRABIRA PALLIDA.

Brabira pallida, Moore, Descr. Ind. Lep. Atk., p. 271, pl. 8, fig. 12, (1887).
Darjiling.

Genus *Lygranoa*.

3805. LYGRANOA CINEREA.

Lygranoa cinerea. Butler, Ann. Nat. Hist., (5), vi, p. 228, (1880).
Ill. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig.
4, (1886).

I. M., Sikkim (Swinhoe).
Collection Swinhoe, Sikkim.

3806. *LYGRANOA RECTILINEATA.*

Lygranoa rectilineata, Moore, Descr. Ind. Lep. Atk., p. 272, (1887).
Khasi Hills.

Genus *Anticlea*.

3807. *ANTICLEA CUPREARIA.*

Anticlea cuprearia, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.
Darjiling.

3808. *ANTICLEA LATERITIATA.*

Anticlea lateritiata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

3809. *ANTICLEA OCCLUSATA.*

Cidaria oclusata, Felder & R. Reise, Novara, pl. 132, fig. 16, ♂, (1874).
Anticlea occlusata, Moore, Lep. Ceyl. iii, p. 435, pl. 207, figs. 7, 8, (1887).
Collection Swinhoe, Ceylon.

3810. *ANTICLEA PLUMBEATA.*

Anticlea plumbeata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

3811. *ANTICLEA SCHISTACEA.*

Anticlea schistacea, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
Darjiling.

Genus *Melanippe*.

3812. *MELANIPPE CUPREATA.*

Melanippe cupreata, Moore, Proc. Zool. Soc. Lond. 1867, p. 655,
Bengal.

3813. *MELANIPPE LATIFUSATA.*

Melanippe latifusata, Walker, Cat. Lep. Het. B. M. xxv, p. 1298, (1862).
Collection Swinhoe, Solun.

3814. *MELANIPPE RESTITUTATA.*

Melanippe restitutata, Walker, Cat. Lep. Het. B. M. xxv, p. 1297, (1862).
Melanthia restituta (sic), Butler, Proc. Zool. Soc. Lond. 1886, p. 393.
Collection Swinhoe, Dharmasala.

Genus *Coremia*.

3815. *COREMIA MAGNIFICATA.*

Coremia magnificata, Walker, Cat. Lep. Het. B. M. xxv, p. 1312, (1862).
Nilgiri Hills.

3816. COREMIA MEDIOVITTARIA.

Coremia mediovittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 656.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Genus *Scotosia*.

3817. SCOTOSIA CONSPURCATA.

Scotosia conspurcata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1685, 186.

I. M., Sikkim.

3818. SCOTOSIA DUBIOSATA.

Scotosia dubiosata, Walker Cat. Lep. Het. B. M. xxv, p. 1352, (1862).

Butler, Proc. Zool. Soc. Lond. 1881, p. 617; and 1886, p. 393.

Punjab, Murree, Nilgiri Hills.

3819. SCOTOSIA EXPANSA.

Scotosia expansa, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).

Darjiling.

3820. SCOTOSIA LATIVITTARIA.

Scotosia lativittaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

3821. SCOTOSIA MINIOSATA.

Scotosia miniosata, Walker, Cat. Lep. Het. B. M. xxv, p. 1354, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 656.

I. M., Kulu, Cherrapunji, Sikkim (Barnes), Philippine Islands.

Collection Swinhoe, Sylhet.

3822. SCOTOSIA NUBILATA.

Scotosia nubilata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).

Darjiling.

3823. SCOTOSIA OBLIQUISIGNATA.

Scotosia obliquisignata, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.

Darjiling.

3824. SCOTOSIA PERSERRATA.

Scotosia perserrata, Walker, Cat. Lep. Het. B. M. xxv, p. 1353, (1862).

South India.

3825. SCOTOSIA RUBRODOTATA.

Scotosia rubrodota, Walker, Cat. Lep. Het. B. M. xxv, p. 1353, (1862).
India.

3826. SCOTOSIA SORDIDATA.

Scotosia sordidata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).
Darjiling.

3827. SCOTOSIA TREMULATA.

Scotosia tremulata, Guen., Phal. ii, 448, 1639, (1857).
Walker, Cat. Lep. Het. B. M. xxv, p. 1352, (1862).
N. India.

3828. SCOTOSIA VENIMACULATA.

Scotosia venimaculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 657.
Butler, Proc. Zool. Soc. Lond. 1886, p. 393.
Collection Swinhoe, Sikkim, Thundiani (Punjab).

Genus *Arichanna*.

3829. ARICHANNA ALBOVITTATA.

Arichanna albiovittata, Moore, Descr. Ind. Lep. Atk., p. 274, (1887).
Darjiling.

3830. ARICHANNA FURCIFERA.

Arichanna furcifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).
Darjiling.

3831. ARICHANNA MACULATA.

Arichanna maculata, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.
Bengal.

3832. ARICHANNA MARMORATA.

Arichanna marmorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 659, pl. 33,
fig. 3.
Bengal.

3833. ARICHANNA FLAGIFERA.

Scotosia plagifera, Walker, Cat. Lep. Het. B. M. xxv, p. 1686, (1866).
Arichanna plagifera, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.
I. M., Sikkim (purchased).

3834. ARICHANNA RAMOSA.

Scotosia ramosa, Walker, Cat. Lep. Het. B. M. xxv, p. 1688, (1866).
Arichanna ramosa, Moore, Proc. Zool. Soc. Lond. 1867, p. 658.
I. M., Sikkim.

3835. *ABICHANNA TRAMESATA.*

richanna trans sata, Moore, Proc. Zool. Soc. Lond. 1867, p. 658, pl. 33,
fig. 2.

Bengal.

Allied to *A. ramosa*, and *A. plagifera*.

Genus *Gandaritis*.3836. *GANDARITIS FLAVATA.*

Gandaritis flavata, Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

Bengal.

Genus *Cidaria*.3837. *CIDARIA AFFINIS.*

Cidaria affinis, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).

Darjiling.

3838. *CIDARIA ALBIGIRATA.*

Cidaria albigirata, Kollar, Hüg. Kasch. iv, 2, p. 489, (1848).

Butler, Proc. Zool. Soc. Lond. 1886, p. 394.

Murree, Kashmir, Afghanistan.

Allied to *C. picata*, Hübn., of Europe.

3839. *CIDARIA ALBOFASCIATA.*

Cidaria albofasciata, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).

Darjiling.

3840. *CIDARIA ALIENA.*

Cidaria aliena, Butler, Ann. Nat. Hist., (5) vi, p. 230, (1880).

Ill. Typ. Lep. Het. B. M. vi, p. 89, pl. 120, fig. 11,
(1886).

Bhotan.

3841. *CIDARIA AMPLOCATA.*

Cidaria amplicata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).

I. M., Kulu (Young).

Collection Swinhoe, Pegu.

3842. *CIDARIA ARGENTILINEATA.*

Cidaria argentilineata, Moore, Proc. Zool. Soc. Lond. 1867, p. 660, pl. 33,
fig. 5.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

3851. *CIDARIA CURCUMATA.*

Cidaria curcumata, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).
Darjiling.

3852. *CIDARIA DELECTA.*

Cidaria delecta, Butler, Ann. Nat. Hist. (5) vi, p. 229, (1880).
Ill. Typ. Lep. Het. B. M. vi, p. 88, pl. 120, fig. 8,
(1886).
I. M., Sikkim (purchased).

3853. *CIDARIA FISSISIGNIS.*

Cidaria fissisignis, Butler, Ann. Nat. Hist. (5) vi, p. 228, (1880).
Ill. Typ. Lep. Het. B. M. vi, p. 87 pl. 120, fig.
7, (1886).
Darjiling.

3854. *CIDARIA INEXTRICATA.*

Cidaria inextricata, Walker, Cat. Lep. Het. B. M. xxxv, p. 1691, (1866).
Moore, Proc. Zool. Soc. Lond. 1867, p. 660.
Collection Swinhoe, Sikkim.

3855. *CIDARIA INSPURCATA.*

Cidaria inspurcata, Walker, Cat. Lep. Het. B. M. xxv, p. 1403, (1862).
S. India.

3856. *CIDARIA INTERPLAGATA.*

Cidaria interplagata, Guén, Phal. ii, 462 1669, (1857).
Walker, Cat. Lep. Het. B. M. xxv, p. 1402, (1862).
Moore, Proc. Zool. Soc. Lond. 1867, p. 660.
I. M., Sikkim.

3857. *CIDARIA JAMEZA.*

Cidaria jameza, Butler, Ann. Nat. Hist. (5) i, p. 452, (1878).
Ill. Typ. Lep. Het. B. M. iii, p. 58, pl. 55, fig. 9,
(1879).
Proc. Zool. Soc. Lond. 1886, p. 393.
Japan, Murree.

3858. *CIDARIA MACULATA.*

Cidaria maculata, Moore, Descr. Ind. Lep. Atk. p. 277, (1887).
Darjiling.

3859. *CIDARIA MELIDIATA.*

Cidaria melidiata, Felder & R. Reise, Novara, pl. 132, fig. 42, ♀, (1874).
Himalayas, Lahul.

3860. *CIDARIA MONTANATA*.

- Geometra montanata*, Wien, Verz. 113, 14.*
 ———— Bork., Eur. Schm. v, 397, 194.*
 ———— Ill. N. Ausg. Dess. i, 456, 14.*
 ———— Hübner, Geom., pl. 48, fig. 248.*
 ———— Frey., Beitr., pl. 72, fig. 1, (1831-58).*
 ———— Sepp., Schm. vi, pl. 20, figs. 1-12.*
Cidaria montanata, Treit., Schm. vi, 2, 201, 34, (1827).*
 ———— Steph., Ill. Brit. Haust. iii, 219, 10.*
 ———— Walker, Cat. Lep. Het. B. M. xxv, p. 1289, (1862).
Zanthorrhoe montanata, Hübner, Verz. Bek. Schm. 327, 3157, (1816).
Melanippe montanata, Dup., Lep. v, 274, pl. 189, fig. 6, (1824).*
 ———— Guén., Phal. ii, 399, 1543, (1857).
Larentia montanaria, Herr. Schoëff., Eur. Schm. iii, 152, 110.*
Melanthia montanaria, Boisd., Ind. 216, 1790.*
Phalana ocellata, Fabr., Sp. Ins. ii, 262, 118, (1781).
 ———— Mant. Ins. ii, 206, 178, (1787).
 ———— Ent. Syst. iii, 2, 188, 216, (1794).
Geometra implicata, Haw., Lep. Brit., 303.*
 ———— (♀ ♀) Bork., Eur. Schm. v, 196.*

I. M., Shillong.

Collection Swinhoe, Kulu.

Also recorded from Europe.

3861. *CIDARIA NEMATA*.

- Cidaria nemata*, Felder & R. Reise, Novara, pl. 132, fig. 32, ♀, (1874).
 Himalayas.

3862. *CIDARIA NUGATA*.

- Cidaria nugata*, Felder & R. Reise, Novara, pl. 132, fig. 39, ♀, (1874).
 Himalayas.

3863. *CIDARIA OBLIQUISIGNATA*.

- Cidaria (?) obliquisignata*, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).
 Darjiling.

3864. *CIDARIA OBLONGATA*.

- Cidaria oblongata*, Guén., Phal. ii, 472, 1681, (1857).
 N. India.

3865. *CIDARIA PERPULCHRA*.

- Cidaria perpulchra*, Butler, Proc. Zool. Soc. Lond. 1886, p. 393.
 Murree.

3866. *CIDARIA RAMALARIA*.

- Cidaria ramalaria*, Felder & R. Reise, Novara, pl. 132, fig. 31, ♀, (1874).
 I. M., Kulu (Young).
 Collection Swinhoe, Kulu.

3867. *CIDARIA RELATA*.*Cidaria relata*, Butler, Ann. Nat. Hist., (5) vi, p. 229, (1880).Ill. Typ. Lep. Het. B. M. vi, p. 88, pl. 120, fig. 9,
(1886).

N.-E. Himalayas.

3868. *CIDARIA RETICULATA*.*Cidaria reticulata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 662.

Bengal.

3869. *CIDARIA SERIATA*.*Cidaria seriata*, Moore, Descr. Ind. Lep. Atk., p. 278, (1887).

Darjiling.

3870. *CIDARIA SIGNATA*.*Cidaria signata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 661.

Collection Swinhoe, Sikkim.

3871. *CIDARIA SUBAPICARIA*.*Cidaria subapicaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

I. M., Sikkim.

Collection Swinhoe, Darjiling.

Allied to *C. russata*.3872. *CIDARIA SUBSEPARATA*.*Cidaria subseparata*, Walker, Cat. Lep. Het. B. M. xxv, p. 1403, (1862).

South India.

3873. *CIDARIA SUBSTITUTA*.*Cidaria substituta*, Walker, Cat. Lep. Het. B. M., xxxv, p. 1691, (1866).Moore, Proc. Zool. Soc. Lond. 1867, p. 660.

I. M., Sikkim.

Collection Swinhoe, Darjiling, Roorkee.

3874. *CIDARIA TRISIGNATA*.*Cidaria trisignata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 663.

Bengal.

3875. *CIDARIA VIRIDATA*.*Cidaria viridata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 661.

Darjiling.

Genus **Eustroma**.3876. **EUSTROMA DECURRENS.**

Eustroma decurrens, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).
Cidaria oblongata, Walker (nec Guén.), Cat. Lep. Het. B. M. xxv, p. 1402,
 (1862).

Nynee Tal.

3877. **EUSTROMA DENTIFERA.**

Eustroma dentifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).
 Cherrapunji.

3878. **EUSTROMA DISSECTA.**

Eustroma dissecta, Moore, Lep. Ceyl. iii, p. 488, pl. 207, fig. 9, ♀, (1887).
 Ceylon.

3879. **EUSTROMA MUSCICOLOR.**

Eustroma muscicolor, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).
 Darjiling.

3880. **EUSTROMA OBSCURATA.**

Cidaria obscurata, Moore, Proc. Zool. Soc. Lond. 1867, p. 663, pl. 33, fig. 7.
 Bengal.

3881. **EUSTROMA PORPHYRIATA.**

Eustroma porphyriata, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).
 Darjiling.

3882. **EUSTROMA SIDERIFERA.**

Eustroma siderifera, Moore, Descr. Ind. Lep. Atk., p. 276, (1887).
 Darjiling.

3883. **EUSTROMA TRIANGULIFERA.**

Eustroma triangulifera, Moore, Descr. Ind. Lep. Atk., p. 275, (1887).
 Darjiling.

Genus **Harpalyce**.3884. **HARPALYCE KASHMIRICA.**

Harpalyce kashmirica, Moore, Descr. Ind. Lep. Atk., p. 277, (1887).
 Kashmir.

Genus **Stammodes**.3885. **STAMMODES PAMPHILATA.**

Stammodes pamphilata, Felder & R. Reise, Novara, pl. 132, fig. 34,
 (1874).
 Collection Swinhoe, Kulu, Thundiani (Punjab).

Genus *Callipia*.3886. *CALLIPIA PARRHASIATA*.

Callipia parrhasiata, Guén., Phal. ii, 515, 1752, pl. 21, fig. 5, (1857).
 Walker, Cat. Lep. Het. B. M., xiv, p. 1458, (1862).

Bengal.

Genus *Nadagara*.3887. *NADAGARA VIGAIA*.

Nadagara vigaia, Walker, Cat. Lep. Het. B. M. xxiv, p. 1093, (1862).
 Moore, Lep. Ceyl. iii, p. 474, (1887).

Ceylon.

Genus *Collix*.3888. *COLLIX CONTRIBUTARIA*.

Collix (?) contributaria, Walker, Cat. Lep. Het. B. M. xxiv, p. 1249, (1862).
 Moore, Lep. Ceyl. iii, p. 483, (1887).

Ceylon.

3889. *COLLIX FLAVOFASCIATA*.

Collix flavofasciata, Moore, Deser. Ind. Lep. Atk., p. 270, pl. 8, fig. 25, (1887).
 Darjiling.

3890. *COLLIX GHOSHA*.

Lobophora Ghosha, Walker, List Ceyl. Ins.*
Collix ghosha, Walker, Cat. Lep. Het. B. M. xxiv, p. 1249, (1862).
 Moore, Lep. Ceyl. iii, p. 482, pl. 206, figs. 9, 10, 10 a,
 (1887).

Collection Swinhoe, Poona, Bombay, Ceylon.

3891. *COLLIX HYPOSPILATA*.

Collix hypospilata, Guén., Phal. ii, 358, 1481, (1857).
 Walker, Cat. Lep. Het. B. M. xxiv, p. 1248, (1862).
Lobophora salisnca, Walker, Ceyl. Ins.*

I. M., Mahableshwar (Swinhoe).

Collection Swinhoe, Ceylon, Mahableshwar, Nilgiri Hills.

Genus *Thera*.3892. *THERA KASHGHARA*.

Thera kashghura, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
 2nd Yarkand Mission Calc., p. 15, pl. 1, fig. 23
 (1879).

I. M., Yarkand (Moore's type).

Genus *Ypsipetes*.3893. *YPSIPETES* (?) *IMBRATA*.*Ypsipetes* (?) *imbrata*, Guén., Phal. ii, 389, 1507, (1857).

Walker, Cat. Lep. Het. B. M. xxiv, p. 1269, (1862).

N. India.

Genus *Camptogramma*.3894. *CAMPTOGRAMMA* (?) *BLITEARIA*.*Camptogramma* (?) *blitearia*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1716, (1862).

Moore, Lep. Ceyl. iii, p. 487, (1887).

Ceylon.

Genus *Plemyria*.3895. *PLEMYRIA* *BACCATA*.*Camptogramma baccata*, Guén., Phal. ii, 430, 1604, (1857).

Walker, Cat. Lep. Het. B. M. xxv, p. 1327, (1862).*Plemyria baccata*, Moore, Lep. Ceyl. iii, p. 486, pl. 206, fig. 7, (1887).*Cidaria peracutata*, Walker, loc. cit. xxv, 1421, (1862).

I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

Genus *Lampropteryx*.3896. *LAMPROPTERYX* *CINGALA*.*Lampropteryx cingala*, Moore, Lep. Ceyl. iii, p. 489, pl. 207, fig. 10, ♀, (1887).

Ceylon.

3897. *LAMPROPTERYX* *MOLATA*.*Cidaria molata*, Felder & R. Reise, Novara, pl. 132, fig. 23, ♂, (1874).*Lampropteryx molata*, Moore, Lep. Ceyl. iii, p. 489, pl. 207, figs. 11, 12, ♂, ♀, (1887).

I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills, Ceylon.

Genus *Lobophora*.3898. *LOBOPHORA* *DECORATA*.*Lobophora decorata*, Moore, Descr. Ind. Lep. Atk., p. 272, (1887).

Darjiling.

3899. *LOBOPHORA* *SIKKIMA*.*Lobophora Sikkima*, Moore, Descr. Ind. Lep. Atk., p. 272, pl. 8, fig. 30, (1887).

Rungchu Valley, Sikkim.

Genus **Phibalapteryx**.

3900. **PHIBALAPTERYX HYDROCAMPATA.**

Phibalapteryx hydrocampata, Guén., Phal. ii, 438, 1620, (1857).
 Walker, Cat. Lep. Het. B. M. xxv, p. 1339, (1862).

N. India.

3901. **PHIBALAPTERYX PLURILINEATA.**

Phibalapteryx plurilineata, Moore, Descr. Ind. Lep. Atk., p. 273, (1887).
 Cherrapunji, Khasi Hills.

FAMILY EUBOLIDÆ.

Genus **Docirava**.

3902. **DOCIRAVA ÆQUILINEATA.**

Docirava æquilineata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1635, (1862).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
 Butler, Ill. Typ. Lep. Het. B. M. vi, p. 86, pl. 120, fig. 5, (1886).

Collection Swinhoe, Solun.

3903. **DOCIRAVA MACROCALATA.**

Anaitis (?) macrocalata, Walker, Cat. Lep. Het. B. M. xxv, p. 1447, (1862).
 India.

3904. **DOCIRAVA MEDMARIA.**

Orsonola (?) medmaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1521, (1862).
Anaitis medmaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 664.
Docirava medmaria, Butler, Ill. Typ. Lep. Het. B. M. vi, p. 87, pl. 120, fig. 6, (1886).

Eubolia reciproca, Walker, loc. cit. xxxv, p. 1698, (1866).

I. M., Sikkim (Dreyer).

Collection Swinhoe, Darjiling.

Allied to *D. macrocalata*.

3905. **DOCIRAVA UVARIA.**

Aspilates uvaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1681, (1862).
Docirava uvaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 649.
Anaitis vastata, Walker, loc. cit. xxxv, p. 1700, (1866).

Darjiling.

Genus **Anaitis**.

3 06. **ANAITIS (?) CURVILINEATA.**

Anaitis (?) curvilineata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1741, (1862).
 India.

3907. *ANAITIS FULGURATA*.*Anaitis fulgurata*, Guén., Phal. ii, 498, 1725, (1857).

Walker, Cat. Lep. Het. B. M. xxv, p. 1447, (1862).

India.

3908. *ANAITIS PUDICATA*.*Anaitis pudicata*, Guén., Phal. ii, 497, 1722, (1857).

Walker, Cat. Lep. Het. B. M. xxv, p. 1446, (1862).

I. M., Almora (purchased).

Collection Swinhoe, Sikkim.

Genus *Onychia*.3909. *ONYCHIA GRISEA*.*Nadagara grisea*, Butler, Proc. Zool. Soc. Lond. 1883, p. 172; and 1886, p. 390.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 457.

I. M., Kulu (Young).

Collection Swinhoe, Darjiling, Simla, Mhow.

3910. *ONYCHIA LATIVITTA*.*Onychia lativitta*, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).

Darjiling.

3911. *ONYCHIA VIOLACEA*.*Onychia violacea*, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).

Darjiling.

FAMILY IDCEIDÆ.

Genus *Idcea*.3912. *IDCEA ABSCONDITARIA*.*Acidalia absconditaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 757, (1861).*Idcea absconditaria*, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 557; and 1886, p. 455.

I. M., Calcutta.

Collection Swinhoe, Mhow, Poona, Bombay, Alibagh.

Also recorded from China.

3913. *IDCEA ACTIOSARIA*.*Aidalia actiosaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).*Idcea actiosaria*, Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 11, ♂, (1887).

Ceylon.

3914. *IDCEA ACUTARIA*.*Acidalia acutaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 752, (1861).*Idæa actuaris*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527; and 1885, p. 857.

——— Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 8, (1887).

I. M., Karachi, Bombay (Swinhoe), Kulu (Young), Andaman Islands (purchased).

Collection Swinhoe, Bombay, Karachi.

Also recorded from Ceylon.

3915. *IDCEA ADEPTARIA*.*Acidalia adeptaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).*Idæa adeptaria*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857.

——— Moore, Lep. Ceyl. iii, p. 454, pl. 200, fig. 9, (1887).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

3916. *IDCEA ERATA*.*Acidalia erata*, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

I. M., Kulu (Young).

Collection Swinhoe, Darjiling, Solun, Kasauli.

3917. *IDCEA ALBOMACULATA*.*Idæa albomaculata*, Moore, Descr. Ind. Lep. Atk., 253, (1887).

Darjiling.

3918. *IDCEA ALBOSIGNATA*.*Idæa (?) albosignata*, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).

Darjiling.

3919. *IDCEA ANAITISARIA*.*Acidalia (?) anaitisaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 795, (1861).

Collection Swinhoe, Nilgiri Hills.

3920. *IDCEA ASPILATARIA*.*Acidalia aspilataria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 791, (1861).

——— Moore, Lep. Ceyl. iii, p. 454, pl. 201, fig. 6, (1887).

Ceylon.

3921. *IDCEA ATTENTATA*.*Acidalia attentata*, Walker, Cat. Lep. Het. B. M. xxii, p. 754, (1861).

——— Moore, Proc. Zool. Soc. Lond. 1877, p. 622; and 1878, p. 852.

Idæa attentata, Moore, Lep. Ceyl. iii, p. 454, pl. 201, fig. 5, (1887).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Tenasserim, Andaman Islands, Ceylon.

3922. *IDEA BICAUDATA*.

Acidalia bicaudata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643, pl. 33, fig. 12.

I. M., Kulu.

Collection Swinhoe, Darjiling.

3923. *IDEA CÆSARIA*.

Acidalia cæsaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).

Idæa cæsaria, Moore, Lep. Ceyl. iii, p. 454, pl. 200, fig. 10, (1887).

Acidalia obturbata, Walker, loc. cit. xxii, p. 755, (1861).

Acidalia (?) perfectaria, Walker, loc. cit. xxiii, p. 783, (1861).

Ceylon.

3924. *IDEA CELEBRARIA*.

Acidalia celebraria, Walker, Cat. Lep. Het. B. M. xxiii, p. 794, (1861).

S. India.

3925. *IDEA CHOTARIA*.

Idæa chotaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 57, fig. 14;
and 1886, p. 455.

Collection Swinhoe, Mhow, Poona, Bombay.

3926. *IDEA CONTIGARIA*.

Acidalia (?) contigaria, Walker, Cat. Lep. Het. B. M. xxii, p. 754, (1861).

N. India.

3927. *IDEA DISTRACTA*.

Acidalia distracta, Butler, Proc. Zool. Soc. Lond. 1881, p. 616.

Idæa distracta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.

Collection Swinhoe, Karachi.

3928. *IDEA EFFRENATA*.

Acidalia effrenata, Walker, Cat. Lep. Het. B. M. xxvi, p. 1756, (1862).

Bhotan.

3929. *IDEA EMISSARIA*.

Acidalia emissaria, Walker, Cat. Lep. Het. B. M. xxii, p. 751, (1861).

India.

3930. *IDCÆ FIBULATA.*

- Acidalia fibulata*, Guén., Phal. i, 490, 844, pl. 15, fig. 5, (1857).
 Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).
Acidalia cleoraria, Walker, loc. cit., xxiii, p. 792, (1861).
Ephyra cleoraria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
 Swinhoe, Proc. Zool. Soc. Lond. 1885; p. 856; and 1886,
 p. 454.

I. M., Khasi Hills, Campbellpur, Poona and Bombay (Swinhoe), Kulu (Young).
 Collection Swinhoe, Solun, Mhow, Punjab, Karachi, Satara,
 Poona, Bombay, Nilgiri Hills, Ceylon.

3931. *IDCÆ GEMMIFERA.*

- Acidalia (?) gemmifera*, Moore, Proc. Zool. Soc. Lond. 1867, p. 644.
 Collection Swinhoe, Darjiling.

3932. *IDCÆ GRANDICULARIA.*

- Idæa grandicularia*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56,
 fig. 11.
 Collection Swinhoe, Poona.

3933. *IDCÆ HUMERARIA.*

- Acidalia humeraria*, Walker, Cat. Lep. Het. B. M. xxvi, p. 1606, (1862).
 Collection Swinhoe, Solun.

3934. *IDCÆ IDEARIA.*

- Idæa idearia*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857, pl. 56, fig.
 15.
 Collection Swinhoe, Poona, Bombay, Alibagh.

3935. *IDCÆ INDUCTATA.*

- Acidalia inductata*, Walker, Cat. Lep. Het. B. M. xxiii, p. 792, (1861).
Idæa inductata, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
 Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.
 Collection Swinhoe, Karachi.
 Also recorded from Ceylon.

3936. *IDCÆ INTENSATA.*

- Idæa intensata*, Moore, Lep. Ceyl. iii, p. 453, pl. 200, fig. 7, (1887).
 Ceylon.

3937. *IDCÆ INVALIDA.*

- Acidalia invalida*, Butler, Ann. Mag. Nat. Hist. (5) iv, p. 439, (1879).
Idæa invalida, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
 Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 527.
 Collection Swinhoe, Karachi.

3938. *IDEA JACTA*.

Idæa jacta, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526, pl. 48, fig. 12.
Collection Swinhoe, Karachi.

3939. *IDEA LIGATARIA*.

Acidalia ligataria, Walker, Cat. Lep. Het. B. M. xxii, p. 748, (1861).
Idæa ligataria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 357.,
Collection Swinhoe, Bombay.

3940. *IDEA METASPILARIA*.

Acidalia metaspilaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 793, (1861).
S. India.

3941. *IDEA MUNDISSIMA*.

Acidalia (?) mundissima, Walker, Cat. Lep. Het. B. M. xxiii, p. 795, (1861).
S. India.

3942. *IDEA NESCIARIA*.

Acidalia nesciaria, Walker, Cat. Lep. Het. B. M. xxii, p. 750, (1861).
Idæa nesciaria, Moore, Lep. Ceyl. iii, p. 451, (1887).
Acidalia negataria, Walker, *loc. cit.*, xxii, p. 751, (1861).
Idæa negataria, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.
——— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.
——— Proc. Zool. Soc. Lond. 1886, p. 455.
Collection Swinhoe, Kandahar.
Also recorded from Ceylon.

3943. *IDEA NICTATA*.

Acidalia nictata, Guén., Phal. i, 506, 876, (1857).
——— Walker, Cat. Lep. Het. B. M. xxii, p. 753, (1861).
N. India.

3944. *IDEA PATULARIA*.

Acidalia patularia, Walker, Cat. Lep. Het. B. M. xxxv, p. 1633, (1866).
Idæa patularia, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 357; and 1886,
p. 455.
I. M., Kulu (Young).
Collection Swinhoe, Mhow, Poona, Bombay.

3945. *IDEA PROFANARIA*.

Acidalia profanaria, Walker, Cat. Lep. Het. B. M. xxxv, p. 1628, (1866).
S. India.

3946. *IDEA REGULATA*.

Acidalia regulata, Walker, Cat. Lep. Het. B. M. xxiii, p. 794, (1861).
India.

3947. *IDCEA RELICTATA*.

Acidalia (?) *relictata*, Walker, Cat. Lep. Het. B. M. xxxv, p. 1629, (1866).
India.

3948. *IDCEA REMOTATA*.

Acidalia remotata, Guén., Phal. i, 458, 762, (1857).

————— Walker, Cat. Lep. Het. B. M. xxi, p. 748, (1861).

————— Moore, Proc. Zool. Soc. Lond. 1877, p. 622.

Idæa remotata, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526; 1885,
p. 857; and 1886, p. 455.

Collection Swinhoe, Depalpur, Poona, Bombay, Purundhar,
Karachi.

3949. *IDCEA SUBDETERMINATA*.

Acidalia subdeterminata, Walker, Cat. Lep. Het. B. M. xxi, p. 1606,
(1862).
S. India.

3950. *IDCEA TEPHROSARIA*.

Acidalia tephrosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.

Collection Swinhoe, Sikkim.

Allied to *I. configara*.

3951. *IDCEA UNDULATARIA*.

Idæa undulataria, Moore, Descr. Ind. Lep. Atk., p. 252, (1887).

Collection Swinhoe, Khasi Hills, Sikkim.

3952. *IDCEA WALKERI*.

Idæa walkeri, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886,
p. 455.

Acidalia extimaria, Walker, Cat. Lep. Het. B. M., xxiii, p. 794, No. 280,
nec p. 782, No. 252, (1861).

Idæa extimaria, Moore, Lep. Ceyl. iii, p. 455, pl. 204, fig. 5, (1887).

I. M., Mergui (Anderson), Ranchi (Irvine), Bombay and
Khandalla (Swinhoe), Andaman Islands (De Roepstorff).

Collection Swinhoe, Khasi Hills, Sikkim, Solun, Mhow, Poona,
Bombay, Khandalla, Nilgiri Hills.

Genus *Craspedia*.3953. *CRASPEDIA ADDICTARIA*.

Acidalia addictaria, Walker, Cat. Lep. Het. B. M. xxi, p. 749, (1861).

Idæa addictaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 857; and 1886,
p. 455.

Craspedia addictaria, Moore, Lep. Ceyl. iii, p. 451, pl. 291, figs. 3, 4,
(1887).

Collection Swinhoe, Solun, Mhow, Poona, Alibagh.

3954. CRASPEDIA DELICIOSARIA.

Acidalia deliciosaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 791, (1861).
Craspedia deliciosaria, Moore, Lep. Ceyl. iii, p. 451, pl. 201, fig. 7,
 (1887).

India, Ceylon.

3955. CRASPEDIA KASHMIRENSIS.

Craspedia kashmirensis, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).
 Kashmir.

3956. CRASPEDIA ORNATA.

Phalæna ornata, Scop. Ent. Carn. 219, 545.
 ——— Rossi, Faun. Etrusc. ii, 196, 1177.*
 ——— Fabr., Ent. Syst. iii, 2, 201, 262, (1793).
 ——— Boik, Eur. Sch. v, 462, 227.*
Geometra ornata, Wien, Veiz. 117, 14.*
 ——— Ill. N. Ausg. Dess. i, 482, 14.*
Idæa ornata, Treit., Schm. vi, 2, 283, 15.*
 ——— Butler, Proc. Zool. Soc. Lond. 1886, p. 390.
Acidalia ornata, Dup., Lep. v, 45, pl. 173, fig. 4.*
 ——— Boisd, Ind. 221, 1835.*
 ——— Herr Schoeff, Eur. Sch. iii, 25, 66.*
 ——— Delah, Sch. 42.*
 ——— Guén, Phal. i, 495, 831, (1857).
 ——— Walker, Cat. Lep. Het. B. M. xxii, p. 701, (1861).
 ——— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 352.
Ptychopoda ornata, Steph., Ill. Brit. Haust. iii, 307, 6.*
Geometra ornataria, Esper., Schm. v, pl. 51, figs. 2, 4.*
 ——— Hubn., Geom., pl. 14, fig. 70.*
 ——— Haw., Lep. Brit. 355.*
Craspedia ornataria, Hubn., Verz. Sch. 312, 3011.
Phalæna instituta, Hubn., Berl. Mag. iv, 5, 526, 47; * Naturf. xi, 74, 47.*
 I. M., Kulu (Young), Sikkim, Rancho (Irvine).
 Collection Swinhoe, Solun, Quetta, Kandahar, Nilgiri Hills.
 Also recorded from Europe.

3957. CRASPEDIA PEDILATA.

Acidalia pedilata, Felder & R. Reise, Novara, pl. 128, fig. 1, ♂, (1874).
Craspedia pedilata, Moore, Lep. Ceyl. iii, p. 452, pl. 201, fig. 9, ♀, (1887).
 Ceylon.

3958. CRASPEDIA PERSIMILIS.

Craspedia persimilis, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).
 Chumba, Dharmasala, Umballa, Solun.

3959. CRASPEDIA SIMILARIA.

Craspedia similaria, Waterhouse, Aid, pl. 115, fig. 2, (1884).
 Darjiling.

3960. CRASPEDIA STIGMATA.

Craspedia stigmata, Moore, Descr. Ind. Lep. Atk., p. 253, (1887).
N.-W. India, Solun.

3961. CRASPEDIA TURPISARIA.

Acidalia turpisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 771, ♀, (1861).
Craspedia (?) turpisaria, Moore, Lep. Ceyl. iii, p. 452, pl. 201, fig. 10, ♀,
(1887).

Collection Swinhoe, Mahableshwar.
Also recorded from Ceylon, Borneo.

Genus **Rambara**.

3962. RAMBARA DENTIFERA.

Rambara dentifera, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).
Darjiling.

3963. RAMBARA INFELIX.

Zanlepteryx infelix, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56,
fig. 13.
Collection Swinhoe, Poona, Khandalla.

3964. RAMBARA SAPONARIA.

Zanlepteryx saponaria, Gnén., Phal. ii, 16, 915, (1857).
Walker, Cat. Lep. Het. B. M., xxiii, p. 810,
(1861).
Moore, Proc. Zool. Soc. Lond. 1877, p. 622.
Rambara saponaria, Moore, Lep. Ceyl. iii, p. 459, pl. 303, fig. 8, (1887).
Singapore, Ceylon, Andaman Islands, India.

Genus **Micræschus**.

3965. MICRÆSCHUS ELATARIA.

Hyria elataria, Walker, Cat. Lep. Het. B. M., xxii, p. 665, (1861).
Micræschus elataria, Butler, Ann. Nat. Hist., (5) i, (1878), p. 402.
Moore, Lep. Ceyl. iii, p. 449, (1887).
Ceylon.

3966. MICRÆSCHUS OBLATARIA.

Hyria oblataria, Walker, Cat. Lep. Het. B. M. xxii, p. 665, (1861).
Micræschus oblataria, Moore, Lep. Ceyl. iii, p. 449, pl. 200, fig. 6, (1887).
Ceylon.

Genus **Pseudasthena**.

3967. PSEUDASTHENA DISSIMILIS.

Pseudasthena dissimilis, Moore, Lep. Ceyl. iii, p. 450, pl. 199, fig. 7, (1887).
Ceylon.

3968. PSEUDASTHENA GRATARIA.

Hyria grataria, Walker, Cat. Lep. Het. B. M. xxii, p. 663, (1861).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858.

Pseudasthena grataria, Moore, Lep. Ceyl. iii, p. 451, pl. 200, fig. 8, (1887).

Collection Swinhoe, Poona, Mahableshwar.

Also recorded from Ceylon.

3969. PSEUDASTHENA LUNULOSA.

Pseudasthena lunulosa, Moore, Lep. Ceyl. iii, p. 450, pl. 200, figs. 5, 5a, (1887).

Ceylon.

3970. PSEUDASTHENA MEMORATA.

Pomasia memorata, Walker, Cat. Lep. Het. B. M., xxii, p. 657, (1861).

Pseudasthena memorata, Moore, Lep. Ceyl. iii, p. 450, pl. 199, fig. 8, (1887).

India, Ceylon.

3971. PSEUDASTHENA RHODINARIA.

Hyria (?) *rhodinaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 666, (1861).

Pseudasthena rhodinaria, Moore, Lep. Ceyl. iii, p. 450, (1887).

Ceylon.

Genus *Hyria*.

3972. HYRIA BICOLORATA.

Hyria bicolorata, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.

Bengal.

3973. HYRIA BILINEATA.

Hyria bilineata, Butler, Proc. Zool. Soc. Lond. 1883, p. 170.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 455.

Collection Swinhoe, Assirgath.

3974. HYRIA DEVIARIA.

Hyria deviaris, Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).

Collection Swinhoe, Nilgiri Hills.

3975. HYRIA MARCIDARIA.

Hyria (?) *marcidaria*, Walker, Cat. Lep. Het. B. M. xxii, p. 663, (1861).

Moore, Lep. Ceyl. iii, p. 448, (1887).

Collection Swinhoe, Ceylon.

3976. HYRIA MITIGATA.

Hyria mitigata, Walker, Cat. Lep. Het. B. M. xxii, p. 664, (1861).

N. India.

3977. *HYRIA OLEARIA*.

Hyria olearia, Guén., Phal. i, 430, 707, (1857).
Walker, Cat. Lep. Het. B. M. xxii, p. 661, (1861).
 N. India.

3978. *HYRIA ORNATA*.

Hyria ornata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.
 Bengal.

3979. *HYRIA PLURISTRIGATA*.

Hyria (?) pluristrigata, Moore, Proc. Zool. Soc. Lond. 1867, p. 643.
 Collection Swinhoe, Sikkim.

3980. *HYRIA TRILINEATA*.

Hyria trilineata, Moore, Proc. Zool. Soc. Lond. 1877, p. 642.
 Collection Swinhoe, Darjiling.

3981. *HYRIA UNDULOSATA*.

Hyria undulosata, Moore, Descr. Ind. Lep. Atk., p. 251, (1887).
 Darjiling.

3982. *HYRIA VOLUTARIA*.

Hyria volutaria, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 858, pl. 56,
 fig. 14.
 Bombay.

Genus *Bardanes*.

3983. *BARDANES PPLICATA*.

Bardanes plicata, Moore, Descr. Ind. Lep. Atk., p. 251, pl. 8, fig. 22,
 (1887).
 Darjiling.

Genus *Asthena*.

3984. *ASTHENA QUERULA*.

Asthena querula, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 859, pl. 56,
 fig. 16.
 Poona.

3985. *ASTHENA SUNANDEVA*.

Pomasia sunandera, Walker, Cat. Lep. Het. B. M. xxii, p. 657, (1861),
Asthena sunandeva, Moore, Lep. Ceyl. iii, p. 449, pl. 200, fig. 4, (1887).
 I. M., Andaman Islands.
 Collection Swinhoe, Ceylon.

3986. *ASTHENA TRISTICULA*.

Asthena tristicula, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859, pl. 56, fig. 17.

Collection Swinhoe, Bombay.

3987. *ASTHENA URBICA*.

Asthena urbana, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859.

Collection Swinhoe, Bombay, North Kanara.

Genus *Runeca*.3988. *RUNECA FERRILINEATA*.

Runeca ferrilineata, Moore, Descr. Ind. Lep. Atk., 252, pl. 8, fig. 13, (1887).

Darjiling.

Genus *Timandra*.3989. *TIMANDRA ALBIFRONTATA*.

Timandra albifrontata, Moore, Descr. Ind. Lep. Atk., p. 255, (1887).

Darjiling.

3990. *TIMANDRA AVENTIARIA*.

Timandra aventiaria, Guén., Phal. ii, p. 3, 896, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 801, (1861);
and xxvi, p. 1617, (1862).

Moore, Proc. Zool. Soc. Lond. 1867, p. 644.

Erastria aventiaria, Moore, Lep. Ceyl. iii, p. 458, pl. 202, figs. 4, 4a, (1887).

I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills.

Also recorded from Sylhet, Ceylon, Australia.

3991. *TIMANDRA CONVECTARIA*.

Timandra convectaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 800, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 644.

Erastria convectaria, Moore, Lep. Ceyl. iii, p. 457, pl. 202, figs. 3, 3a, (1887).

Timandra comptaria, Walker, loc. cit. xxvi, p. 1615, (1862).

I. M., Sikkim.

Collection Swinhoe, Solun, Sylhet, Ceylon, Mahableshwar, Nilgiri Hills.

3992. *TIMANDRA RESPONSARIA*.

Timandra responsaria, Moore, Descr. Ind. Lep. Atk., p. 255, (1887).

Cherrapunji.

3993. *TIMANDRA SEMICOMPLETA*.

Timandra semicompleta, Walker, Cat. Lep. Het. B. M. xxvi, p. 1616, (1862).
India.

3994. *TIMANDRA SUBOBLIQUARIA*.

Timandra subobliquaria, Moore, Proc. Zool. Soc. Lond., 1867, p. 644.
Bengal.

Genus *Somatina*.3995. *SOMATINA ANTHOPHILATA*.

Somatina anthophilata, Guén., Phal. ii, p. 11, 907, pl. 18, fig. 2, (1857).
Walker, Cat. Lep. Het. B. M. xxiii, p. 806, (1861).
Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 859.
Collection Swinhoe, Poona, Bombay.

3996. *SOMATINA PLURILINEARIA*.

Somatina plurilinearia, Moore, Proc. Zool. Soc. Lond., 1867, p. 645.
I. M., Kulu, Sikkim.
Collection Swinhoe, Darjiling.

3997. *SOMATINA PLYNUSARIA*.

Anisodes plynusaria, Walker, Cat. Lep. Het. B. M. xxvi, p. 1581, (1862).
Moore, Proc. Zool. Soc. Lond., 1867, p. 641.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Sylhet.

3998. *SOMATINA PURPURASCENS*.

Somatina purpurascens, Moore, Lep. Ceyl. iii, p. 540, pl. 202, figs. 2, 2a,
(1887).
Ceylon.

Genus *Agnibesa*.3999. *AGNIBESA PICTARIA*.

Somatina (?) *pictaria*, Moore, Proc. Zool. Soc. Lond. 1867, p. 645.
Agnibesa pictaria, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).
Collection Swinhoe, Sikkim.

4000. *AGNIBESA RECURVILINEATA*.

Agnibesa recurvilineata, Moore, Descr. Ind. Lep. Atk., p. 256, (1887).
Darjiling.

Genus *Trygodes*.4001. *TRYGODES DIVISARIA*.

Macaria divisaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 927, (1861).
Trygodes divisaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 642; and 1877,
p. 621.
I. M., Andaman Islands (purchased).
Collection Swinhoe, Darjiling.
Also recorded from Kanara and Celebes.

4002. TRYGODES FERRIFERA.

Trygodes ferrifera, Moore, Descr. Ind. Lep. Atk., p. 255, pl. 8, fig. 18, (1887).

Darjiling.

4003. TRYGODES VAGATA.

Macaria vagata, Walker, Cat. Lep. Het. B. M. xxiii, p. 927, (1861).

Trygodes vagata, Moore, Proc. Zool. Soc. Lond. 1867, p. 642.

Collection Swinhoe, Sylhet.

Genus *Emodes*.

4004. EMODES SINUOSA.

Emodes sinuosa, Moore, Descr. Ind. Lep. Atk., p. 256, pl. 8, fig. 18, (1887).

Khasi Hills.

Genus *Pomasia*.

4005. POMASIA PSYLARIA.

Pomasia psylaria, Guén., Phal. i, 428, 702, (1857).

Walker, Cat. Lep. Het. B. M. xxii, p. 656, (1861)

Moore, Lep. Ceyl. iii, p. 448, pl. 200, fig. 2, (1887).

Collection Swinhoe, Ceylon.

Genus *Luxiaria*.

4006. LUXIARIA EXCLUSA.

Hemerophila (?) exclusa, Walker, Cat. Lep. Het. B. M. xxi, p. 320, ♂, (1860).

Bithia exclusa, Walker, loc. cit. xxxv, p. 1599, (1866).

Moore, Proc. Zool. Soc. Lond. 1877, p. 621; and 1878, p. 852.

Luxiaria exclusa, Moore, Lep. Ceyl. iii, p. 457, pl. 202, fig. 5, ♀, pl. 215, fig. 4, ♂, (1887).

Hemerophila prætereuns, Walker, loc. cit. xxi, p. 320, (1860).

Acidalia imprimata, Walker, loc. cit. xxiii, p. 771, (1861).

Macaria obstataria, Walker, loc. cit. xxiii, p. 928, (1861).

Bithia lignaria, Walker, loc. cit. xxxv, p. 1600, (1866).

I. M., Andaman Islands (purchased).

Collection Swinhoe, Ceylon, North Kanara, Andaman Isles.

4007. LUXIARIA FASCIOSA.

Luxiaria fasciosa, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Darjiling.

4008. LUXIARIA INTENSATA.

Luxiaria intensata, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Darjiling.

4009. LUXIARIA OBLIQUATA.

Luxiaria obliquata, Moore, Descr. Ind. Lep. Atk., p. 254, (1887).

Collection Swinhoe, Sikkim.

4010. LUXIARIA PHYLLOSARIA.

Drepanodes (?) phyllosaria, Walker, Cat. Lep. Het. B. M. xx, p. 82, (1860).
Luziaria phyllosaria, Moore, Proc. Zool. Soc. Lond. 1867, p. 617.

Bengal.

Genus *Phalacra*.

4011. PHALACRA VIDHISARA.

Hemerophila vidhisara, Walker, Cat. Lep. Het. B. M. xxi, p. 319, (1860).

Phalacra vidhisara, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Moore, Lep. Ceyl. iii, p. 641, pl. 201, figs. 1, 1a, (1887).

Phalacra metagonaria, Walker, loc. cit. xxxv, p. 1639, ♂, (1866).

Moore, Proc. Zool. Soc. Lond. 1867, p. 79.

Collection Swinhoe, Bombay, Alibagh, Calcutta.

Also recorded from Ceylon.

FAMILY MICRONIDÆ.

Genus *Micronia*.

4012. MICRONIA ACULEATA.

Micronia aculeata, Guén., Phal. ii, p. 26, 928, pl. 13, fig. 8, ♀, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 817, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 646; 1877, p. 622; and 1878, p. 852.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Moore, Lep. Ceyl. iii, p. 460, pl. 203, fig. 1, ♀, (1887).

Micronia gannata, Guén., Phal. ii, 26, 929, ♂.

Walker, loc. cit. xxiii, p. 817, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

I. M., Buxar, Tavoy, Cachar, Mergui, Sibsaghar, Kulu (Young),
 Calcutta, Andaman Islands, Sikkim.

Collection Swinhoe, Mirzapore, Poona, Nilgiri Hills, Ceylon.

4013. MICRONIA OBLIQUARIA.

Micronia obliquaria, Moore, Proc. Zool. Soc. Lond. 1877, p. 622, pl. 60,
 fig. 17.

Andaman Islands, Darjiling.

4014. MICRONIA SPARSARIA.

Micronia sparsaria, Walker, Cat. Lep. Het. B. M. xxiii, p. 818, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Collection Swinhoe, Buxar, Sikkim, Maldah, Burma.

4015. MICRONIA TERIADATA.

Micronia teriadata, Guén., Phal. ii, 29, 936, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 825, (1861).

India.

Genus *Strophidia*.4016. *STROPHIDIA FASCIATA*.

Phalena (Geometra) fasciata, Cram., Pap. Exot. ii, 12, pl. 104, fig. D, (1779).

Micronia fasciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Strophidia fuscata, Moore, Lep. Ceyl. iii, p. 460, pl. 203, fig. 7, (1887).

Phalena caudata, Fabr., Ent. Syst. iii, 2, 163, 124, (1794).

Micronia caudata, Guén., Phal. ii, 25, 926, (1857).

Strophidia caudaria, Hubn., Verz. Schm. 290, 2817, (1816).

Micronia obtusata, Guén., Phal. ii, 25, 927, pl. 5, fig. 6, (1857).

————— Walker, Cat. Lep. Het. P. M. xxiii, p. 816, (1861).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 646; and 1877, p. 622.

I. M., Tavoy (Moti Ram), Sikkim (purchased), Andaman, Islands (purchased), Sibsaghar (Peal).

Collection Swinhoe, Darjiling.

Genus *Pseudomicronia*.4017. *PSEUDOMICRONIA CÆLATA*.

Pseudomicronia cælata, Moore, Descr. Ind. Lep. Atk., p. 257, (1887).

Micronia caudata, Walker (nec Fabr.), Cat. Lep. Het. B. M. xxiii, p. 817, (1861).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 860.

Collection Swinhoe, Darjiling, Belgaum, Mahableshtar.

4018. *PSEUDOMICRONIA FRATERNA*.

Pseudomicronia fraterna, Moore, Lep. Ceyl. iii, p. 461, pl. 203, fig. 2, ♀, (1887).

Ceylon.

Genus *Micronidia*.4019. *MICRONIDIA SIMPLICIATA*.

Micronia simpliciata, Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Micronidia simpliciata, Moore, Descr. Ind. Lep. Atk., p. 258, (1887).

Collection Swinhoe, Darjiling.

Genus *Acropteris*.4020. *ACROPTERIS CASEATA*.

Micronia caseata, Guén., Phal. ii, 27, 932, (1857).

————— Walker, Cat. Lep. Het. B. M. xxiii, p. 824, (1861).

————— Moore, Journ. As. Soc. Beng., vol. 53, pt. ii, No. 3, (1884) p. 237.

I. M., Sikkim (Barnes), Sibsaghar (Peal), Mussoorie (Templeton), Cachar (Wood-Mason), Tavoy (Moti Ram), Mergui (Anderson).

Also recorded from Java.

4021. *ACROPTERIS GRAMMEARIA*.*Acropterus grammaeria*, Geyer, Hübn. Zutr., p. 38, 381, fig. 761, 762, (1825).

Walker, Cat. Lep. Het. B. M. xxiii, p. 824, (1861).

Micronia grammaeria, Guén., Phal. ii, 27, 931, (1857).

Moore, Proc. Zool. Soc. Lond. 1878, p. 852.

Tenasserim.

4022. *ACROPTERIS STRIATARIA*.*Phalæna (Geometra) striataria*, Clerck, Icon., pl. 55, fig. 4, (1750).

Linn., Syst. Nat. 1, pt. 2, p. 2418, 197, (1767).

Gmel., Ed. Syst. Nat. i, 5, 2448, 197.

Micronia striataria, Guén., Phal. ii, 28, 934, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 818, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Acropterus striataria, Moore, Descr. Ind. Lep. Atk., p. 257, (1887).

Collection Swinhoe, Sylhet.

4023. *ACROPTERIS VAGATA*.*Micronia vagata*, Moore, Proc. Zool. Soc. Lond. 1877, p. 622, pl. 60, fig. 18; and 1878, p. 852.

I. M., Dunsiri, Tavoy (Moti Ram), Mergui (Anderson).

Genus *Ditrigona*.4024. *DITRIGONA TRIANGULARIA*.*Urapteryx triangularia*, Moore, Proc. Zool. Soc. Lond. 1867, p. 612.*Ditrigona triangularia*, Moore, Descr. Ind. Lep. Atk., p. 258, (1887).

Collection Swinhoe, Sikkim.

Genus *Urapteroides*.4025. *URAPTEROIDES ASTHENIATA*.*Micronia astheniata*, Guén., Phal. ii, 24, 925, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 821, (1861).

West., Trans. Zool. Soc. Lond. 1879, p. 514.

Urapteroides astheniata, Moore, Descr. Ind. Lep. Atk., p. 259, (1887).

Darjiling, Borneo.

Genus *Pigia*.4026. *PIGIA INFANTULARIA*.*Pigia infantularia*, Guén., Phal. ii, 20, 924, (1857).

Walker, Cat. Lep. Het. B. M. xxiii, p. 813, (1861).

Micronia vanaria, Walker, loc. cit. xxiii, p. 820, (1861).

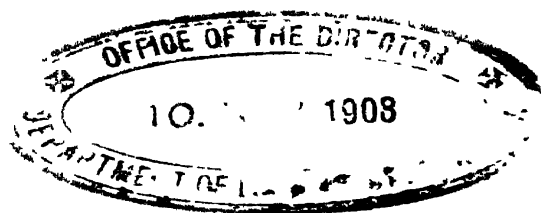
Ceylon.

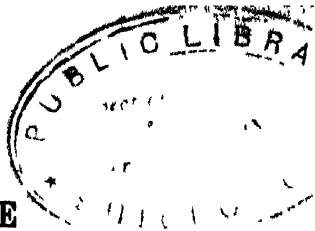
Genus *Myrteta*.4027. *MYRTETA PLANARIA*.*Myrteta planaria*, Walker, Cat. Lep. Het. B. M. xxiii, p. 831, (1861).

Moore, Proc. Zool. Soc. Lond. 1867, p. 646.

Butler, Ill. Typ. Lep. Het. B. M. vi, p. 77, pl. 118, fig. 9, (1886).

Collection Swinhoe, Darjiling.





A
CATALOGUE

OF

THE MOTHS OF INDIA,

COMPILED BY

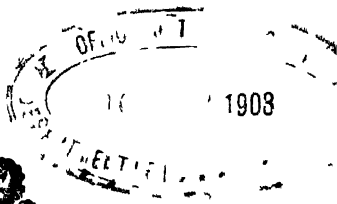
COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.,

AND

E. C. COTES,

FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part V.—PYRALES.



CALCUTTA:
PRINTED BY ORDER OF THE TRUSTEES OF THE INDIAN MUSEUM.
1889.

GROUP PYRALES.

FAMILY BOTYDIDÆ.

Genus *Dadessa*.

4028. *DADESSA ELYCESALIS*.

Botys elycesalis, Walker, Cat. Lep. Het. B. M. xix, p. 995, (1859).
India.

4029. *DADESSA EVAXALIS*.

Botys evaralis, Walker, Cat. Lep. Het. B. M. xix, p. 995, (1859).
Dadessa evaralis, Moore, Lep. Ceyl. iii, p. 333, pl. 183, fig. 3, ♂, (1886).
Ceylon.

Genus *Conogethes*.

4030. *CONOGETHES ALBOFLAVALIS*.

Conogethes alboflavalis, Moore, Descr. Ind. Lep. Atk., p. 220, (1887).
Darjiling.

4031. *CONOGETHES PUNCTIFERALIS*.

Astura punctiferalis, Guén., Delt. et Pyral., p. 320, No. 347, (1854).
——— Walker, Cat. Lep. Het. B. M., xviii, p. 548, (1859).
——— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Botys punctiferalis, Leder., Wien. Ent. Monat., vii, p. 375, (1863).
Conogethes punctiferalis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 314.
——— Moore, Lep. Ceyl. iii, p. 333, (1886).
I. M., Sibsagar (Peal), Dunsiri, Sikkim (purchased), Cachar
(Wood-Mason), North Khasi Hills.
Collection Swinhoe, Khasi Hills, Bombay, Rangoon.
Also recorded from Amboina.

4032. *CONOGETHES SEMIFASCIALIS*.

Astura semifascialis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1381, (1866).
——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Collection Swinhoe, Poona.
Also recorded from Australia.

Genus *Astura*.

4033. *ASTURA FESTIVALIS*.

Astura festivalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.
Collection Swinhoe, Bombay.

Genus *Botyodes*.4034. *BOTYODES ASIALIS*.

- Botyodes asialis*, Guén., Delt. et Pyral., p. 321, No. 348, ♀, (1854).
 Leder., Wien. Ent. Monat. vii, p. 394, pl. 13, fig. 8, (1863).
 Walker, Cat. Lep. Het. B. M., xviii, p. 551, (1859).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 96.
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.
 Snellen, Tijd. voor Ent., xxvi, 1883, p. 139.
 Moore, Lep. Ceyl. iii, p. 335, pl. 183, figs. 1 ♂, 1a larva, (1886).

Botys sellalis, Walker (nec Guén.) loc. cit., xviii, p. 648, (1859).

I. M., Ranchi (Irvine), Buxa (Moti Ram), Sikkim (Barnes, also purchased), Calcutta, Simla, Kulu (purchased), Ceylon (Swinhoe).

Collection Swinhoe, Kasaoli, Ceylon, Nilgiri Hills, Bombay, Poona, Khandalla, Belgaum, Sikkim, Rangoon.

Also recorded from Nepal.

4035. *BOTYODES COSTALIS*.

Botyodes costalis, Moore, Descr. Ind. Lep. Atk., p. 221, (1887).

Darjiling.

Allied to *B. scinialis*.

4036. *BOTYODES FLAVIBASALIS*.

Botyodes flavibasalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 96, ♀.
 Felder & R. Reise, Novara Lep., pl. 135, fig. 41, (1874).

I. M., Sibsaghar (Peal), Calcutta (Wood-Mason).

Collection Swinhoe, Sikkim.

4037. *BOTYODES FRATERNA*.

Botyodes fraterna, Moore, Descr. Ind. Lep. Atk., p. 221, pl. 7, fig. 16, (1887).

Darjiling.

Allied to *B. costalis*.

4038. *BOTYODES INCONSPICUA*.

Botyodes inconspicua Moore, Descr. Ind. Lep. Atk., p. 220, (1887).

Darjiling.

4039. *BOTYODES LEOPARDALIS*.

Botyodes leopardalis, Moore, Descr. Ind. Lep. Atk., p. 221, pl. 7, fig. 26, (1887).

Darjiling.

4040. *BOTYODES SCINISALIS*.

Botys scinialis, Walker, Cat. Lep. Het. B. M. xviii, p. 648, (1859).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1877, p. 619,
 pl. 60, fig. 11.

Botys disjunctalis, Walker, Char. Undeser. Lep. Het., p. 96, (1869).

I. M., Sikkim.

Collection Swinhoe, Sikkim, Rangoon.

Also recorded from Andaman Islands.

Genus *Botys*.4041. *BOTYS ÆQUALIS*.

Botys æqualis, Leder., Wien. Ent. Monat. vii, 468, pl. 10, fig. 3, (1863).
 ——— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).

India.

4042. *BOTYS ALBIDALIS*.

Botys albidalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1411, (1865).
 India.

4043. *BOTYS ANAXISALIS*.

Botys (?) *anaxialis*, Walker, Cat. Lep. Het. B. M. xviii, p. 658 (1859).
 Collection Swinhoe, Solun.

4044. *BOTYS ANNULALIS*.

Botys annulalis, Walker, Cat. Lep. Het. B.M. xviii, p. 675, (1859).
Hapalia (?) *annulalis*, Moore, Lep. Ceyl. iii, p. 341, (1886).
 Ceylon.

4045. *BOTYS ARDEALIS*.

Botys ardealis, Felder & R. Reise, Novara Lep., pl. 134, fig. 31, (1874).
 ——— Moore, Proc. Zool. Soc. Lond. 1877, p. 619.
 I. M., Nicobar Islands.

4046. *BOTYS AUREA*.

Botys aurea, Butler, Ill. Typ. Lep. Het. B. M. iii, p. 76, 'pl. 59, fig. 12,
 (1879).

————— Proc. Zool. Soc. Lond. 1883, p. 168.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Collection Swinhoe, Mhow, Solun, Bombay, Poona, Rangoon.

Also recorded from Yokohama.

4047. *BOTYS AUREOLALIS*.

Botys aureolalis, Leder., Wien. Ent. Monat. vii, p. 473, (1863).
 ——— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1389, (1865).
 Himalayas.

4048. *BOTYS BREVILINEALIS*.

Botys brevilinealis, Walker, Cat. Lep. Het. B. M. xviii, p. 674, (1859).
Hapalia (?) *brevilinealis*, Moore, Lep. Ceyl. iii, p. 341, (1886).
 Ceylon.

4049. *BOTYS CALDUSALIS*.

Botys caldusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 650, (1859).
 ———— Moore, Proc. Zool. Soc. Lond. 1878, p. 850.

I. M., Mergui (Anderson), Sibsagar, Sikkim (Barnes, also purchased), Kulu (purchased), Tenasserim.
 Collection Swinhoe, Sikkim.

4050. *BOTYS CARNEALIS*.

Botys carnealis, Dup., Hist. Nat. Lep. viii, p. 322, pl. 232, fig. 4.*
 ———— Warren, Proc. Zool. Soc. Lond. 1888, p. 335.

Botys diffusalis, Guen., Delt. et Pyral, p. 340, (1854).
Botys tenuialis, Mann., Wien. Ent. Monat. vi, p. 387, pl. 3, fig. 5, (1862).
 Campbellopur (Punjab), South Europe.

4051. *BOTYS CYNARALIS*.

Botys cynaralis, Walker, Cat. Lep. Het. B. M. xviii, p. 672, (1859).
Hapalia (?) *cynaralis*, Moore, Lep. Ceyl. iii, p. 341, (1886).
 Ceylon.

4052. *BOTYS DAMOALIS*.

Botys damoalis, Walker, Cat. Lep. Het. B. M. xviii, p. 656, (1859).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 96.

Bengal.
 Allied to *B. nubilalis*.

4053. *BOTYS DIVISALIS*.

Botys divisalis, Leder., Wien. Ent. Monat. vii, p. 408, pl. 10, fig. 4, (1863).
 ———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).
 India.

4054. *BOTYS DRYOPEALIS*.

Botys dryopealis, Walker, Cat. Lep. Het. B. M. xviii, p. 672, (1859).
Hapalia (?) *dryopealis*, Moore, Lep. Ceyl. iii, p. 342, (1886).
 Ceylon.

4055. *BOTYS EPASTALIS*.

Botys epastalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 874, pl. 57, fig. 13.
 Collection Swinhoe, Bombay, Alibagh.
 Allied to *B. albi-fimbrialis* from Japan.

4056. *BOTYS EURYCLEALIS*.

Botys euryclealis, Walker, Cat. Lep. Het. B. M. xviii, p. 651, (1859).
India.

4057. *BOTYS ILUSALIS*.

Botys ilusalis, Walker, Cat. Lep. Het. B.M. xviii, p. 705, (1859).
Butler, Proc. Zool. Soc. Lond. 1883, p. 168.
Collection Swinhoe, Solun, Rangoon.
Also recorded from Borneo and Sarawak.

4058. *BOTYS INANITALIS*.

Botys inanitalis, Leder., Wien. Ent. Monat. vii, 464, pl. 9, fig. 3, (1863).
Walker, Cat. Lep. Het. B.M. xxiv, p. 1389, (1865).
India, Amboina.

4059. *BOTYS INCOLORALIS*.

Botys incoloralis, Guén., Delt. et Pynal, p. 332, No. 369, (1854).
Walker, Cat. Lep. Het. B. M. xviii, p. 656, (1859).
Leder., Wien. Ent. Monat. vii, p. 371, (1863).
Moore, Proc. Zool. Soc. Lond. 1867, p. 97.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873; and 1886,
p. 459.
Botys adipodalis, (♀) Swinhoe (nec Guén.), Proc. Zool. Soc. Lond. 1884,
p. 525.
I. M., Karachi, Poona, and Bombay (Swinhoe).
Collection Swinhoe, Karachi, Poona, Mhow, Bombay.
Also recorded from Sylhet.

4060. *BOTYS INTERRUPTALIS*.

Botys interruptalis, Walker, Cat. Lep. Het. B.M. xxiv, p. 1406, (1865).
Hapalia (♀) *interruptalis*, Moore, Lep. Ceyl. iii, p. 339, (1886).
Ceylon.

4061. *BOTYS ITEMALESALIS*.

Botys itemalesalis, Walker, Cat. Lep. Het. B.M. xix, p. 996, (1859).
Collection Swinhoe, Sikkim.
Also recorded from China.

4062. *BOTYS JUCUNDALIS*.

Botys jucundalis, Leder., Wien. Ent. Monat. vii, 463, pl. 8, fig. 17, (1863).
Walker, Cat. Lep. Het. B.M. xxiv, p. 1388, (1865).
India.

4063. *BOTYS LENTALIS*.

Botys lentalis, Felder & R. Reine, Novara Lep., pl. 135, fig. 44, (1874).
Bengal.

4064. *BOTYS MACCALIS*.

Botys maccalis, Leder., Wien. Ent. Monat. vii, 466, pl. 9, fig. 14, (1863).

————— Walker, Cat. Lep. Het. B.M. xxxiv, p. 1388, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sylhet.

4065. *BOTYS* (?) *MEGALOPSALIS*.

Botys (?) *megalopsalis*, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1428, (1865).

Collection Swinhoe, Sikkim, Andaman Islands.

Also recorded from Malacca.

4066. *BOTYS MYRINALIS*.

Botys myrinalis, Walker, Cat. Lep. Het. B.M. xviii, p. 673, (1859).

Hapalia (?) *myrinalis*, Moore, Lep. Ceyl. iii, p. 340, (1886).

Ceylon.

4067. *BOTYS NEPHEALIS*.

Botys nephealis, Walker, Cat. Lep. Het. B. M. xviii, p. 673, (1859).

Hapalia (?) *nephealis*, Moore, Lep. Ceyl. iii, p. 341, (1886).

Ceylon.

4068. *BOTYS NUBILALIS*.

Botys nubilalis, Hübn., Eur. Schm., fig. 94.*

————— Warren, Proc. Zool. Soc. Lond., 1888, p. 335.

Botys lupulinalis, Guen., Delt. et Pyral., p. 331, (1854).

Kala Pani (Punjab).

4069. *BOTYS OCHREALIS*.

Pyralis ochrealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 614.

Collection Swinhoe, Sikkim.

Also recorded from the Andaman Islands.

4070. *BOTYS PATULALIS*.

Botys patulalis, Walker, Cat. Lep. Het. B. M. xxxiv, 1405, (1865).

—————, Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

I. M., Sikkim (purchased).

Collection Swinhoe, Sikkim.

4071. *BOTYS PAUCIFERALIS*.

Botys pauciferalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1413, (1865).

South India.

4072. *BOTYS PAUPELLALIS*.

Botys paupellalis, Leder., Wien. Ent. Monat. vii, p. 469, pl. 10, fig. 6, (1863).

—————, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).

India.

4073. *BOTYS PHARISALIS*.

Botys pharisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 726, (1859).
 ———, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 873.

Collection Swinhoe, Poona.

Also recorded from Australia.

4074. *BOTYS PLAGALIS*.

Botys plagalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 96.

Sikkim.

4075. *BOTYS STRENUALIS*.

Botys strenualis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1409, (1865).

Scopula strenualis, Forsayeth, Trans. Ent. Soc. Lond. 1881, p. 417.

South India, Mhow.

4076. *BOTYS SUBLITURALIS*.

Botys sublituralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1452, (1865).

——— Swinhoe, Proc. Zool. Soc. Lond., (1885), p. 873.

Collection Swinhoe, Bombay, Karachi.

4077. *BOTYS SUBTESSELLALIS*.

Botys subtessellalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1406, (1865).

——— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sikkim.

4078. *BOTYS THOASALIS*.

Botys thoasalis, Walker, Cat. Lep. Het. B. M. xviii, p. 692, (1859).

I. M., Andaman Islands (purchased).

Collection Swinhoe, Sikkim.

4079. *BOTYS TULLALIS*.

Botys tullalis, Walker, Cat. Lep. Het. B. M., xviii, p. 649, (1859).

——— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

I. M., Sibsagar (Peal).

Collection Swinhoe, Darjiling, Maulmein, Rangoon.

4080. *BOTYS UNITALIS*.

Botys unitalis, Guén., Delt. et Pyral., p. 349, No. 411, (1854).

——— Walker, Cat. Lep. Het. B. M. xviii, p. 655, (1859).

——— Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1878, p. 850,

I. M., Sikkim (Barnes).

Collection Swinhoe, Sikkim, Poona.

Also recorded from Sylhet and Tenasserim.

4081. *BOTYS VITELLINALIS*.

Botys vitellinalis, Kollar, Hüg. Kaschm., p. 492, (1848).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1389, (1865).

Botys extinctalis, Led., Wien. Ent. Monat. vii, 467, pl. 9, fig. 18, (1863).

Kashmir.

Genus *Hapalia*.4082. *HAPALIA ABLACTALIS*.

Botys ablactalis, Walker, Cat. Lep. Het. B. M. xviii, p. 660, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.

Hapalia ablactalis, Moore, Lep. Ceyl. iii, p. 339, (1886).

Collection Swinhoe, Sikkim, Poona, Nilgiri Hills, Rangoon.

Also recorded from Ceylon.

4083. *HAPALIA ADMENSALIS*.

Botys admensalis, Walker, Cat. Lep. Het. B. M. xviii, p. 652, (1859).

Hapalia admensalis, Moore, Lep. Ceyl. iii, p. 339, (1886).

Ceylon.

4084. *HAPALIA BAMBUSALIS*.

Hapalia bambusalis, Moore, Descr. Ind. Lep. Atk. iii, p. 222, (1887).

Collection Swinhoe, Sikkim.

Allied to *H. zealis*.

4085. *HAPALIA CONCOLOR*.

Hapalia concolor, Moore, Lep. Ceyl. iii, p. 339, pl. 181, fig. 3, (1886).

Ceylon.

4086. *HAPALIA DEDUCTALIS*.

Botys deductalis, Walker, Cat. Lep. Het. B. M. xviii, p. 659, (1859).

Hapalia deductalis, Moore, Lep. Ceyl. iii, p. 338, (1886).

Ceylon.

4087. *HAPALIA DENTICULOSA*.

Hapalia (?) denticulosa, Moore, Lep. Ceyl. iii, p. 337, pl. 183, fig. 8, (1886).

Ceylon.

4088. *HAPALIA DIALIS*.

Botys dialis, Walker, Cat. Lep. Het. B. M. xviii, p. 675, (1859).

Hapalia (?) dialis, Moore, Lep. Ceyl. iii, p. 340, (1886).

Ceylon.

4089. *HAPALIA DORSIVITTATA*.

Hapalia dorsivittata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 18, (1887).

Darjiling.

4090. *HAPALIA FASCIATA*.

Hapalia fasciata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 20, (1887).
Darjiling.

4091. *HAPALIA FLAVALIS*.

Phalæna flavalis, Schiff, Wien. Verz. 121, 7.*
 ————— Fabr., Mant. Ins. ii, p. 221, No. 303, (1737).
 ————— Ent. Syst. iii, 2, p. 233, No. 393, (1794).
 ————— Hübner, Pyl., pl. 11, fig. 69.*
Phalæna (Pyralis) flavalis, Gmel., Ed. Syst. Nat. i, 5, 2324, 941.*
Hapalia flavalis, Hübner, Verz. Bek. Schmett. p. 355, No. 3395, (1816).
Botys lutealis, Dup., Lep. viii, 331, pl. 233, fig. 1.*
Botys lutealis, Podv., Herrich Schaff. Eur. Schmett. iv, 28.*
Margaritia flavalis, Steph., Ill. Brit. Haust. iv, 52.*
Lithosia lutea, Schaff., Icon., pl. 240, figs. 7, 8.*
Botys flavalis, Treit., Schmett. vii, 99, 15.*
 ————— Dup. Lep. viii, 127, pl. 217, figs. 7, 8.*
 ————— Herr. Schaff., Eur. Schmett. iv, 28, 77.*
 ————— Guen., Delt. et Pyl. p. 384, No. 375, (1854).
 ————— Walker, Cat. Lep. Het. B. M. xviii, p. 555, (1859).
 ————— Moore, 2nd Yarkand Mission, Lep., p. 13, (1879).

I. M., Yarkand (2nd Mission).
Collection Swinhoe, Kulu.
Also recorded from Europe.

4092. *HAPALIA FLAVOFASCIATA*.

Hapalia flavofusciata, Moore, Descr. Ind. Lep. Atk., p. 223, pl. 7, fig. 19, (1887).
Darjiling.
Allied to *H. dorsivitta*.

4093. *HYPALIA FRATERNA*.

Hapalia fraterna, Moore, Lep. Ceyl. iii, p. 338, pl. 183, fig. 9, (1886).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4094. *HAPALIA INDISTANS*.

Hapalia indistans, Moore, Descr. Ind. Lep. Atk., p. 223, (1887).
Collection Swinhoe, Sikkim.

4095. *HAPALIA IOPASALIS*.

Botys iopasalis, Walker, Cat. Lep. Het. B. M. x viii, p. 652, ♂, (1859);
 ————— xix, p. 993, (1859).
 ————— Butler, Ann. Mag. Nat. Hist. (5) v, p. 226, (1880).
 ————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.
Botys iopasalis, Moore, Proc. Zool. Soc. Lond. 1878, p. 560.
Hapalia iopasalis, Moore, Lep. Ceyl. iii, p. 337, pl. 182, fig. 14, (1886).
Botys boteralis, Walker, loc. cit., p. 716, (1859); and xix, p. 994, (1859).
 I. M. Sibsagar (Peal).
Collection Swinhoe, Karachi, Rangoon, Bombay.
Also recorded from Ceylon and Borneo.

4096. *HAPALIA JANAPALIS*.

Botys janapalis, Walker, Cat. Lep. Het. B. M. xviii, p. 676, (1859).

Hapalia (?) *janapalis*, Moore, Lep. Ceyl. iii, p. 342, (1886).

Ceylon.

4097. *HAPALIA KASMIRICA*.

Hapalia kasmirica, Moore, Descr. Ind. Lep. Atk., p. 222, pl. 7, fig. 28, (1887).

Kashmir.

4098. *HAPALIA MARGINALIS*.

Hapalia marginalis, Moore, Lep. Ceyl. iii, p. 338, pl. 182, fig. 13, (1886).

Collection Swinhoe, Khandalla.

Also recorded from Ceylon.

4099. *HAPALIA NIGRESCENS*.

Hapalia nigrescens, Moore, Descr. Ind. Lep. Atk. iii, p. 221, (1887).

Collection Swinhoe, Sikkim.

4100. *HAPALIA OBLITA*.

Hapalia oblita, Moore, Descr. Ind. Lep. Atk., p. 222, (1887).

Darjiling.

4101. *HAPALIA PLAGIATALIS*.

Botys plagiatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 673, (1859).

— Swinhoe, Proc. Zool. Soc., Lond. 1885, p. 873.

Hapalia (?) *plagiatalis*, Moore, Lep. Ceyl. iii, p. 337, (1886).

Collection Swinhoe, Poona, Burma, Nilgiri Hills, Rangoon.

Also recorded from Ceylon.

4102. *HAPALIA ROBUSTA*.

Hapalia robusta, Moore, Descr. Ind. Lep. Atk., p. 222, pl. 7, fig. 27, (1887).

Darjiling.

4103. *HAPALIA SIGNATALIS*.

Botys signatalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1444, (1865).

— Butler, Proc. Zool. Soc. Lond., 1883, p. 168.

Collection Swinhoe, Solun.

Also recorded from Java.

Allied to *H. plagiatalis*.

4104. *HAPALIA THAISALIS*.

Botys thaisalis, Walker, Cat. Lep. Het. B. M. xviii, p. 674, (1859).

Hapalia (?) *thaisalis*, Moore, Lep. Ceyl. iii, p. 340, (1886).

Ceylon.

4105. *HAPALIA ULTIMALIS*.*Botys ultimalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 659, (1859).*Hapalia ultimalis*, Moore, Lep. Ceyl. iii, p. 332, (1886).

Ceylon.

4106. *HAPALIA ZEALIS*.*Botys zealis*, Guén., Delt. et Pyral, p. 332, 367, (1854).

Walker, Cat. Lep. Het. B. M., xviii, p. 656, (1859).

Leder, Wien. Ent. Monat., vii, p. 372, (1863).

Moore, Proc. Zool. Soc. Lond. 1876, p. 97.

Sylhet.

Genus *Omphisa*.4107. *OMPHISA ILLISALIS*.*Botys illisalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 653, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 96; and 1877, p. 619.

Leder., Wien. Ent. Monat. vii, p. 371, pl. 9, fig. 12, (1863).

Omphisa illisalis, Moore, Lep. Ceyl. iii, p. 318, pl. 183, fig. 4, (1886).

I. M., Cherrapunji, Sikkim (purchased).

Collection Swinhoe, Darjiling, Rangoon, Nilgiri Hills.

Also recorded from Ceylon and the Audaman Islands.

Genus *Marasmia*.4108. *MARASMIA RURALIS*.*Botys ruralis*, Walker, Cat. Lep. Het. B. M. xviii, p. 666, (1859); and
xix, p. 994, (1859).*Marasmia ruralis*, Moore, Lep. Ceyl. iii, p. 283, (1885).*Marasmia cicatricosa*, Leder., Wien. Ent. Monat. vii, p. 386, pl. 12, fig.
8, ♂, (1863).

I. M., Mergui (Anderson).

Also recorded from Ceylon, Java, and Borneo.

Genus *Pleonectusa*.4109. *PLEONECTUSA ADHESALIS*.*Botys adhesalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 664, ♀, (1859).*Botys damasalis*, Walker, loc. cit., p. 668, (1859).*Pleonectusa adhesalis*, Moore, Lep. Ceyl. iii, p. 287, pl. 180, fig. 14,
(1886).

Ceylon, China.

4110. *PLEONECTUSA ADMIXTALIS*.*Botys admixtalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 665, (1859).*Pleonectusa admixtalis*, Leder., Wien. Ent. Monat. vii, 481, (1863).

Walker, loc. cit., xxxiv, p. 1480, (1865).

Moore, Lep. Ceyl. iii, p. 286, pl. 180, fig. 13,
(1886).*Botys panæusalis*, Walker, loc. cit. xix, p. 998, (1859).*Pleonectusa tabidalis*, Leder., loc. cit., vii, p. 426, (1863).

Ceylon.

Genus *Bacotoma*.4111. *BACOTOMA ABJUNGALIS*.

Botys abjungalis, Walker, Cat. Lep. Het. B.M. xviii, p. 670, (1859).

Botys abjunctalis (sic), Leder., Wien. Ent. Monat. vii, p. 376, pl. 11, fig. 11, (1863).

Bacotoma abjungalis, Moore, Lep. Ceyl. iii, p. 382, pl. 180, fig. 8, (1886).

Collection Swinhoe, Ceylon.

Genus *Acharana*.4112. *ACHARANA OTREUSALIS*.

Botys otreusalis, Walker, Cat. Lep. Het. B.M. xviii, p. 637, (1859).

Acharana otreusalis, Moore, Lep. Ceyl. iii, p. 285, pl. 180, fig. 11, (1886).

Botys triarialis, Walker, loc. cit., xviii, p. 639, (1859).

Botys neloalis, Walker, loc. cit., xviii, p. 643, (1859).

Botys abstrusalis, Walker, loc. cit., xviii, p. 663, (1859).

————— Moore, Proc. Zool. Soc. Lond. 1877, p. 620.

————— Butler, Proc. Zool. Soc. Lond. 1883, p. 168.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885, p. 873; & 1886, p. 460.

Botys pharaxalis, Walker, loc. cit., xviii, p. 725, (1859).

Botys immundalis, Walker, loc. cit., xxxiv, p. 1448, (1865).

Botys phaeopteralis, Meyrick (nec Guén.), Trans. Ent. Soc. Lond. 1884, p. 321.

I. M., Chitral (Giles), Calcutta, Karachi (Swinhoe).

Mergui (Anderson), Ceylon (Colombo Museum).

Andaman Islands (de Roepstorff).

Collection Swinhoe, Ceylon, Mhow, Karachi, Poona, Bombay, Solun, Mirzapore, Sikkim, Mahableshwar, Nilgiri Hills, Andaman Islands, Calcutta, Rangoon.

Also recorded from Africa, Mauritius, Australia, and Java.

4113. *ACHARANA PRÆTERITALIS*.

Botys præteritalis, Walker, Cat. Lep. Het. B.M. xxxiv, p. 1405, (1865).

Acharana præteritalis, Moore, Lep. Ceyl. iii, p. 285, (1885).

Ceylon.

4114. *ACHARANA SIMILIS*.

Acharana similis, Moore, Lep. Ceyl. iii, p. 296, pl. 180, fig. 12, (1886).

Collection Swinhoe, Rangoon.

Also recorded from Ceylon.

Genus *Analtes*.4115. *ANALTES DISJUNCTALIS*.

Botys disjunctalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1408, (1865).

Analtes disjunctalis, Moore, Lep. Ceyl. iii, p. 319, (1886).

South India, Ceylon.

4116. *ANALTES IDYALIS*.

Botys idyalis, Walker, Cat. Lep. Het. B. M. xix, p. 996, (1859).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.

Analtes idyalis, Moore, Lep. Ceyl. iii, p. 319, pl. 183, fig. 5, (1886).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

Genus *Cnaphalocrocis*.4117. *CNAPHALOCROCIS BIFURCALIS*.

Cnaphalocrocis bifurcalis, Snellen, Tijd. Ent. xxiii, p. 219, (1890).

Celebes, India.

4118. *CNAPHALOCROCIS MEDINALIS*.

Salbia medinalis, Guén., Delt. et Pyral., p. 201, ♀, (1854).

— Walker, Cat. Lep. Het. B. M. xvii, p. 361, (1859).

Cnaphalocrocis medinalis, Moore, Lep. Ceyl. iii, p. 281, (1885).

Botys rutilalis, Walker, loc. cit. xviii, p. 665, (1859); and xxxiv, p. 1480, (1865).

Botys iolealis, Walker, loc. cit., xviii, p. 666, (1859).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Cnaphalocrocis iolealis, Walker, loc. cit., xxxiv, p. 1480, (1865).

Cnaphalocrocis jolinalis (sic), Leder., Wien. Ent. Monat. vii, p. 385, pl. 12, fig. 7, (1863).

— Snellen, Tijd. Voor. Ent. xxvi, 1883, p. 135.

Botys acerrimalis, Walker, loc. cit., xxxiv, p. 1449, (1865).

Collection Swinhoe, Bombay, Khandalla, Sikkim, Khasi Hills, Poona, Alibagh, Rangoon.

Also recorded from Ceylon, Borneo, and China.

Genus *Dolichosticha*.4119. *DOLICHOSTICHA VENIHALIS*.

Asopia venihalis, Walker, Cat. Lep. Het. R. M. xvii, p. 373, (1859).

Dolichosticha venihalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 305.

— Moore, Lep. Ceyl. iii, p. 282, (1885).

Botys marisalis, Walker, loc. cit., xviii, p. 717, (1859).

Ceylon, Australia, Borneo.

Genus *Ravania*.4120. *RAVANIA BILINEOLALIS*.

Zebroonia bilineolalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1350, (1865).

Ravania bilineolalis, Moore, Lep. Ceyl. iii, p. 284, pl. 180, fig. 9, (1885).

Ceylon.

4121. *RAVANIA CREONALIS*.

Botys creonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 879, (1859).

Botys connectalis, Walker, loc. cit., xxxiv, p. 1411, (1865).

Ravania creonalis, Moore, Lep. Ceyl. iii, p. 284, pl. 180, fig. 10, (1885).

— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

RAVANOA ORBONALIS—*continued*.

Botys neoclesalis, Walker, *loc. cit.*, xviii, p. 655, (1859).
 Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.

Botys suspicalis, Walker, *loc. cit.*, xviii, p. 667, (1859).

I. M., Kulu (Young).

Collection Swinhoe, Sikkim, Mhow, Karachi, Nilgiri Hills.

Also recorded from Ceylon and South Africa.

Genus *Circobotys*.**4122. *CIRCOTOTYS OCTOGUTTALIS*.**

Botys octoguttalis, Felder & R. Reise. Novara, Lep. iv, pl. 135, fig. 38, ♂, (1874).

Circobotys octoguttalis, Moore, Lep. Ceyl. iii, p. 343, pl. 182, fig. 11, (1886).

I. M., Sibsagar.

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

4123. *CIRCOTOTYS LIMBATA*.

Circobotys limbata, Moore, Descr. Ind. Lep. Atk., p. 220, pl. 7, fig. 24, (1887).

Darjiling.

Genus *Cadarena*.**4124. *CADARENA SINUATA*.**

Phalena sinuata, Fabr., Spec. Ins. ii, p. 267, No. 153, (1781).

Ent. Syst. iii, 2, p. 208, No. 295, (1794).

Cadarena sinuata, Moore, Lep. Ceyl. iii, p. 336, pl. 183, figs. 2, 2a, (1886).

Phalena (Geometra) marginata, Cram., Pap. Exot. iv, pl. 400, fig. I, (1782).

Botys marginata, Swainson, Zool. Illustr., 1st ser. ii, pl. 77, fig. 1, (1821).

Botys marginalis, Guén., Delt. et Pyral., p. 343, 394, (1854).

Walker, Cat. Lep. Het. B. M. xviii, p. 633, (1859).

Ceylon.

Also recorded from Africa.

Genus *Pitacanda*.**4125. *PITACANDA SPILOSOMOIDES*.**

Pitacanda spilosomoides, Moore, Lep. Ceyl. iii, p. 334, pl. 183, fig. 10, (1886).

Collection Swinhoe, Khandalla.

Also recorded from Ceylon.

Genus *Dodanga*.**4126. *DODANGA LOBIPENNIS*.**

Dodanga lobipennis, Moore, Lep. Ceyl. iii, p. 332, pl. 182, fig. 3, (1886).

Ceylon.

Genus *Condega*.

4127. *CONDEGA* *OSCURATA*.

Condega obscurata, Moore, Lep. Ceyl. iii, p. 345, pl. 183, fig. 12, (1886).
Ceylon.

Genus *Nosophora*.

4128. *NOSOPHORA* *QUADRISIGNATA*.

Nosophora quadrisignata, Moore, Lep. Ceyl. iii, p. 320, pl. 183, fig. 6, (1886).
I. M., Andaman Islands (purchased).
Also recorded from Ceylon.

Genus *Ebulea*.

4129. *EBULEA* *BAMBUCIVORA*.

Ebulea bambucivora, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).
Calcutta.

4130. *EBULEA* *CAMILLALIS*.

Ebulea (?) camillalis, Walker, Cat. Lep. Het. B. M. xviii, p. 749, (1859).
— Moore, Lep. Ceyl. iii, p. 346, (1886).
Ceylon.

4131. *EBULEA* *CATALAUNALIS*.

Botys catalaunalis Duponchel, Lep. France. viii, p. 330, pl. 232, fig. 8, (1)*.
— Herrich-Schaff, Eur. Schmett. iv, p. 25, 64, figs. 56, 57.*
Ebulea catalaunalis, Guen., Delt. et Pyral. p. 361, No. 437, (1854).
— Walker, Cat. Lep. Het. B. M. xviii, p. 743, (1859).
— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; 1885,
p. 874, and 1886, p. 460.
Antigastra catalaunalis, Walker, loc. cit., xxxiv, p. 1483, (1865).
— Felder, & R. Reise, Novara, Lep. iv, pl. 135, fig.
12, (1874).
Botys venosalis, Walker, loc. cit., xxxiv, p. 1401, (1865).
Margaritia ciliatis, (var.) Steph., Cat. Brit. Lep. 239, (1850)*.

I. M., Poona and Karachi (Swinhoe).
Collection Swinhoe, Mhow, Poona, Khandalla, Bombay, Karachi.
Also recorded from Europe and Africa.

4132. *EBULEA* *CELATALIS*.

Botys celatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 657, (1859).
Ebulea celatalis, Moore, Lep. Ceyl. 345, (1886).
Ceylon.

4133. *EBULEA* *DICHROMA*.

Ebulea dichroma, Moore, Descr. Ind. Lep. Atk., p. 223, (1887).
Darjiling.

4134. *EBULEA EUROPSALIS*.

Ebulea europalis, Walker, Cat. Lep. Het. B. M., xviii, p. 749, (1859).
North India.

4135. *EBULIA FIMBRIATA*.

Ebulia fimbriata, Moore, Lep. Ceyl. iii, p. 346, (1886).
Ceylon.

4136. *EBULEA OBLIQUATA*.

Ebulea obliquata, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).
Calcutta.

Genus *Rehimena*.4137. *REHIMENA INSCISALIS*.

Botys incisalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1410, (1865).
Botys incisalis (sic), Moore, Proc. Zool. Soc. Lond. 1867, p. 98.
Rehimena incisalis (sic), Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 1,
(1885).

I. M., Sikkim (Barnes, also purchased).
Collection Swinhoe, Sikkim.
Also recorded from Ceylon.

4138. *REHIMENA PHRYNEALIS*.

Botys phrynealis, Walker, Cat. Lep. Het. B. M. xviii, p. 630, (1859).
Rehimena phrynealis, Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 5, (1885).
Rehimena dichromalis, Walker, loc. cit. xxxiv, p. 1492, (1865).
 Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 872.
Collection Swinhoe, Khasi Hills, Bombay, Khandalla, Rangoon.
Also recorded from Ceylon.

4139. *REHIMENA* (?) *PHYCIDALIS*.

Botys phycidalis, Walker, Cat. Lep. Het. B. M. xviii, p. 675, (1859).
Rehimena (?) *phycidalis*, Moore, Lep. Ceyl. iii, p. 291, (1885).
Ceylon.

4140. *REHIMENA SUBJUNCTALIS*.

Botys subjunctalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1404, (1865).
Rehimena subjunctalis, Moore, Lep. Ceyl. iii, p. 290, pl. 181, fig. 6, (1885).
Ceylon.

Genus *Mecyna*.4141. *MECYNALIS DEPRIVALIS*.

Mecyna deprivalis, Walker, Cat. Lep. Het. B. M. xix, p. 806, (1859).
 Moore, Lep. Ceyl. iii, 352, pl. 179, figs. 1, 1a, (1885).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

4142. *MECYNA RUSTICALIS*.

Pyralis rusticalis, Hübner, *Pyral.* 26, 3, pl. 18, fig. 121.*

Uresiphita rusticalis, Hübner, *Verz. bek. Schmett.*, p. 353, No. 3372, (1816).

Mecyna rusticalis, Guén., *Delt. et Pyral.*, p. 411, No. 536, (1854).

———— Walker, *Cat. Lep. Het. B. M.* xix, p. 803, (1859).

———— Butler, *Proc. Zool. Soc. Lond.* 1886, p. 384.

Pyralis limbalis, Wien., *Verz.* 122, 20.*

———— Ill. N. *Ausg. Dess.* ii, 21, 20.*

Botys limbalis, Treit. *Schmett.* vii, 111, 23.*

———— Fisch, *Rösel. Schm.* 130.*

———— Herr Schäffer, *Eur. Schmett.* iv, 32, 93.*

Europe, Punjab.

Genus *Dysallacta*.4143. *DYSALLACTA NEGATALIS*.

Phalangiodes (?) negatalis, Walker, *Cat. Lep. Het. B. M.* xvii, p. 468, (1859).

Dysallacta negatalis, Leder, *Wien. Ent. Monat.* vii, p. 393, pl. 13, fig. 6, (1863).

———— Walker, *loc. cit.* xxxiv, p. 1479, (1865).

———— Moore, *Proc. Zool. Soc. Lond.*, 1867, p. 97.

———— Swinhoe, *Proc. Zool. Soc. Lond.* 1885, p. 872.

———— Moore, *Lep. Ceyl.* iii, p. 353, (1886).

Botys monesusalis, Walker, *loc. cit.* xviii, p. 653, (1859).

Dysallacta monesusalis, Walker, *loc. cit.* xxxiv, p. 1479, (1865).

Botys phanasalis, Walker, *loc. cit.* xviii, p. 727, (1859).

Dysallacta phanasalis, Walker, *loc. cit.* xxxiv, p. 1479, (1865).

I. M., Kuhn (Young), Cherrapunji.

Collection Swinhoe, Solun, Bombay, Mahableswar, Poona.

Also recorded from Sikkim, Ceylon, Australia.

Genus *Spilodes*.4144. *SPILODES MELONALIS*.

Botys melonalis, Walker, *Cat. Lep. Het. B. M.* xviii, p. 702, (1859); and xxxiv, p. 1455, (1865).

Spilodes nētētisalis, Walker, *loc. cit.* xviii, p. 773, (1859); and xxxiv, p. 1455, (1865).

North India, Java, and South Africa.

4145. *SPILODES RHODOCRYPTALIS*.

Spilodes (?) rhodocryptalis, Walker, *Cat. Lep. Het. B. M.* xxxiv, p. 1474, (1865).

———— Swinhoe, *Proc. Zool. Soc. Lond.* 1885, p. 874.

Poona, Australia.

4146. *SPILODES STICTICALIS*.

Phalæna (Pyralis) sticticalis, Linn., *Syst. Nat.* i, 2, p. 883, No. 340, (1767).

———— Faun. Suec., 1354.*

———— Gmel., ed. *Syst. Nat.* i, 5, 2524, 340.*

Phalæna sticticalis, Fabr., *Ent. Syst.* iii, 2, 235, 399, (1794).

Pyralis sticticalis, Gotze, *Ent. Beitr.* iii, 4, 62, 340.*

Uresiphita sticticalis, Hübn., *Verz. Bek. Schm.* p. 353, No. 3378, (1816).

Scopula sticticalis, Treit., *Schm.* vii, 64, 9.*

———— Dup., *Lep.* viii, 96, pl. 5, fig. 5.*

SPILODES STICTICALIS—continued.

Margaritia sticticalis, Steph., Ill. Brit. Haust. iv, 59, 29.*

Botys sticticalis, Herr. Schaff., Eur. Schm. iv, 34, 102.*

Spilodes sticticalis, Guén., Delt. et Pyral. p. 381, No. 480, (1854).

— Walker, Cat. Lep. Het. B. M. xviii, p. 767, (1859).

— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.

Pyralis fuscatus, Hübn., Pyral. 29, 19, pl. 1, fig. 45.

Pyralis tetragonalis, Haw., Lep. Brit. 385.

Collection Swinhoe, Quetta.

Also recorded from Europe.

Genus Paliga.**4147. PALIGA DAMASTESALIS.**

Scopula damastesalis, Walker, Cat. Lep. Het. B. M. xix, p. 1013, (1859).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874; and 1886, p. 460.

Paliga damastesalis, Moore, Lep. Ceyl. iii, p. 350, (1886).

I. M., Khandalla and Poona (Swinhoe).

Collection Swinhoe, Mhow, Poona, Bombay, Nilgiri Hills, Rangoon.

Also recorded from Ceylon.

Genus Udea.**4148. UDEA EXIMIALIS.**

Scopula eximialis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1471, (1865).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 874.

Udea eximialis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

4149. UDEA FERRUGALIS.

Pyralis ferrugalis, Hübn., Pyral. 27, 13, pl. 9, fig. 54; and pl. 23, fig. 150.*

— Haw., Lep. Brit. 382.*

Botys ferrugalis, Tieit, Schmett. vii, 94, 11.*

— Dup., Lep. viii, p. 138, pl. 218, fig. 7.*

Margaritia ferrugalis, Steph., Ill. Brit. Haust. iv, 63, 17, (1828).*

Scopula ferrugalis, Guén., Delt. et Pyral. p. 398, No. 515, (1854).

— Walker, Cat. Lep. Het. B. M. xviii, p. 782, (1859).

— Butler, Ann. Mag. N. H. (5), ix, p. 211, (1882).

— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.

Europe, Madeira, Kandahar.

4150. UDEA FOTALIS.

Scopula fotalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875, pl. 57, fig. 9.

Udea fotalis, Butler, Proc. Zool. Soc. Lond. 1886, p. 384.

I. M., Karachi and Campbellpur (Swinhoe).

Collection Swinhoe, Poona, Karachi, Campbellpur.

4151. UDEA HYPATIALIS.

Scopula hypatialis, Walker, Cat. Lep. Het. B. M., xix, p. 1014, (1859).

Udea hypatialis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4152. UDEA MACHÆRALIS.

Scopula machæralis, Walker, Cat. Lep. Het. B. M., xix, p. 1013, (1859).

Udea machæralis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4153. UDEA MANDRONALIS.

Scopula mandronalis, Walker, Cat. Lep. Het. B. M., xix, p. 1014, (1859).

Udea mandronalis, Moore, Lep. Ceyl. iii, p. 349, (1886).

Ceylon.

4154. UDEA MARTINALIS.

Scopula (?) martinalis, Walker, Cat. Lep. Het. B. M. xviii, p. 791, (1859).

India.

4155. UDEA NIGRIFASCIALIS.

Scopula (?) nigrifascialis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1472, (1865).

Deccan.

4156. UDEA PALMALIS.

Scopula palmalis, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525, pl. 48, fig. 11.

Collection Swinhoe, Karachi, Hyderabad (Sind).

4157. UDEA PLANGONALIS.

Scopula (?) plangonalis, Walker, Cat. Lep. Het. B. M. xviii, p. 790, (1859).

North India.

4158. UDEA RENALIS.

Udea renalis, Moore, Descr. Ind. Lep. Atk., p. 224, (1887).

Collection Swinhoe, Sikkim, Nilgiri Hills.

Allied to *Udea—ferrugalis* and *Udea hypatialis*.

4159. UDEA(?) SUFFUSALIS.

Scopula (?) suffusalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1471, (1865).

Udea (?) suffusalis, Moore, Lep. Ceyl. iii, p. 350, (1886).

Ceylon.

4160. *UDEA VINCTALIS*.

Scopula vinctalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1476, (1865).

Butler, Proc. Zool. Soc. Lond. 1886, p. 384.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.

Warren, Proc. Zool. Soc. Lond. 1888, p. 335.

Collection Swinhoe, Subathu, Campbellpur, Mhow, Karachi, Aden.

Also recorded from Australia.

Genus *Lotanga*.4161. *LOTANGA DECIUSALIS*.

Botys deciusalis, Walker, Cat. Lep. Het. B. M., xviii, p. 696, (1859), and p. 994.

Lotanga deciusalis, Moore, Lep. Ceyl. iii, p. 344, (1885).

Ceylon, Borneo.

4162. *LOTANGA MILVINALIS*.

Deba milvinalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 875, pl. 57, fig. 2.

Lotanga milvinalis, Moore, Lep. Ceyl. iii, p. 344, pl. 183, fig. 11, (1886).

Collection Swinhoe, Bombay, Poona, Rangoon, Calcutta.

Also recorded from Ceylon.

Genus *Chobera*.4163. *CHOBERA PALLIDA*.

Chobera pallida, Moore, Descr. Ind. Lep. Atk., p. 220, (1887).

Calcutta.

Genus *Phycidicera*.4164. *PHYCIDICERA SURRECTALIS*.

Deba surrectalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1495, ♂, (1865).

— Moore, Lep. Ceyl. iii., p. 344, (1886).

Phycidicera salebrialis, Snellen, Tijd voor Ent., 1880, p. 228, and 1884, p. 37, pl. 3, fig. 6 ♂.

Ceylon, Celebes.

Genus *Pachynoa*.4165. *PACHYNOA MEGAPTERALIS*.

Botys megapteralis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1407, (1865).

Collection Swinhoe, Darjiling.

4166. *PACHYNOA OPALINALIS*.

Botys opalinalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 620.

Andaman Islands.

4167. *PACHYNOA PECTINICORNALIS*.

- Botys pectinicornalis*, Guén., Delt. et Pyral., p. 326, No. 351, (1854).
 Walker, Cat. Lep. Het. B. M. xviii, p. 647, (1859).
Pachynoa pectinicornalis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875.
 I. M., Andaman Islands (purchased).
 Collection Swinhoe, Bombay, Poona.

4168. *PACHYNOA SABELIALIS*.

- Botys sabelialis*, Guén., Delt. et Pyral., p. 326, No. 352, (1854).
 Walker, Cat. Lep. Het. B. M. xviii, p. 648, (1859).
Pachynoa sabelialis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).
 India.

4169. *PACHYNOA SELLALIS*.

- Botys sellalis*, Guén. (*nec* Walker), Delt. et Pyral. 330, 363, (1854).
Pachynoa sellalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1481, (1865).
 Ceylon, Sylhet, Punjab, Nepal.

4170. *PACHYNOA THOOSALIS*.

- Botys thoosalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 737, (1859).
Pachynoa thoosalis, Walker, *loc. cit.* xxxiv, p. 1481, (1865).
Botys thoosalis, Moore (*nec* Walker), Proc. Zool. Soc. Lond. 1877, p. 619,
 pl. 60, fig. 16.
 Collection Swinhoe, Darjiling.
 Also recorded from Ceram, Amboina, and Andaman Islands.

Genus *Pionea*.4171. *PIONEA BREVIATIS*.

- Pionea brevis*, Walker, Cat. Lep. Het. B. M. xviii, p. 750, (1859).
 Moore, Lep. Ceyl. iii, p. 347, (1886).
 Ceylon.

4172. *PIONEA FORFICALIS*.

- Phalæna (Pyralis) forficalis*, Linn., Syst. Nat. i, 2, p. 882, No. 334, (1767).
 Faun. Suec. p. 351, No. 1352, (1761).
 Gmel. ed. Syst. Nat. i, 5, 2521, 334.*
Phalæna forficalis, Fabr., Sp. Ins. ii, p. 272, No. 177, (1781).
 Mant. Ins. ii, p. 217, No. 276, (1787).
 — Ent. Syst. iii, 2, p. 223, No. 353 (1794).
Crambus forficatus, Fabr., Ent. Syst. Suppl. 467, 20.
Pyralis forficalis, Wien., Verz. 122, 17.*
 Fuessl., Schmt. Ins. 82, 813.*
 Lang., Verz. ii, 211, 1433.*
 Götze, Ent. Beyte. iii, 4, 57, 334.*
 Müll., Faun. Frid. 54, 484.*
 Zool., Dan. Prodr. 138, 1535.*
 Brahm., Ins. Kul. ii, 1, 325, 210.*
 Ill. N. Ausg. Dess. ii, 19, 17.*
 Hübn., Pyral. 28, 17, pl. 9, fig. 58.*
 Haw., Lep. Brit. 377.*

PIONEA FORFICALIS—continued.

Botys forficalis, Treit., Schm. vii, 122, 33.*

_____ Dup., Lep. viii, 147, pl. 219, fig. 6.*

_____ Herr. Schöff., Ent. Schm. iv, 86, 111.*

Mesographa forficalis, Hübn., Verz. bek. Schm. p. 354, No. 3388, (1816).

_____ Steph., Ill. Brit. Haust. iv, 45, 1, (1828).*

Pionea forficalis, Guén., Delt. et Pyral. p. 369, No. 455, (1854).

_____ Walker, Cat. Lep. Het. B. M. xviii, p. 753, (1859).

I. M., Kulu, (Young).

Collection Swinhoe, Sikkim.

Also recorded from Europe.

4173. PIONEA NOBILIS.

Pionea nobilis, Moore, Descr. Ind. Lep. Atk. p. 224, pl. 7, fig. 29, (1887).

Darjiling.

Genus Nymphula.**4174. NYMPHULA DEPUNCTALIS.**

Hydrocampa depunctalis, Guén., Delt. et Pyral., p. 274, No. 265, (1851).

_____ Walker, Cat. Lep. Het. B. M. xvii, p. 461, (1859).

_____ Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 869.

Nymphula depunctalis, Moore, Lep. Ceyl. iii, p. 305, (1886).

Zabronia (?) decussalis, Walker, loc. cit., xvii, p. 481, (1859).

Collection Swinhoe, Bombay, Alibagh, Rangoon.

Also recorded from Ceylon.

4175. NYMPHULA INTERPUNCTALIS.

Pyralis interpunctalis, Hübn., Pyral. ii, 11, pl. 19, fig. 128.*

Pyralis nudalis, Hubn., Pyral. pl. 14, fig. 90.*

Euclyta nudalis, Hubn., Verz. bek. Schm., p. 347, No. 3319, (1816).

Euclyta interpunctalis, Hubn., Verz. bek. Schm. p. 347, No. 3320, (1816).

Nymphula nudalis, Dup., Lep. viii, 340, pl. 233, fig. 4.*

Nymphula interpunctalis, Treit., Schm. vii, 128, 2.*

_____ Dup., Lep. viii, 162, pl. 221, fig. 2.*

_____ Guén., Delt. et Pyral., p. 403, No. 523, (1854).

_____ Walker, Cat. Lep. Het. B. M. xix, p. 801, (1859).

_____ Butler, Proc. Zool. Soc. Lond. 1883, p. 168.

_____ Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.

I. M., Karachi (Swinhoe).

Collection Swinhoe, Karachi, Larkana (Sind).

Also recorded from Europe.

Genus Godara.**4176. GODARA COMALIS.**

Pionea comalis, Guén., Delt. et Pyral., p. 368, No. 453, (1854).

Godara comalis, Walker, Cat. Lep. Het. B. M. xix, p. 809, (1859).

_____ Butler, Ann. Mag. Nat. Hist. 1880, (5), Vol. 5, p. 226.

_____ Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525. and 1885, p. 875.

_____ Leder., Pyral. Wien. Ent. Monat. vii, p. 383, pl. 12, fig. 6, (1863).

_____ Snellen Tijds. voor. Ent., 1883, p. 134.

_____ Moore, Lep. Ceyl. iii, p. 343, pl. 179, figs. 2, 2a, 2b, (1886).

GODARA COMALIS—continued.

Pionea incomalis, Guén., Delt. et Pyral., p. 369, No. 454, (1854).

Godara incomalis, Walker, loc. cit., p. 810.

Butler, Proc. Zool. Soc. Lond. 1881, p. 622; and 1883, p. 168.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525.

I. M., Ceylon (Colombo Museum), Karachi (Swinhoe).

Collection Swinhoe, Karachi, Satara, Ceylon, Nilgiri Hills, Rangoon.

FAMILY MARGARONIDÆ.

Genus *Glyphodes*.

4177. GLYPHODES ACTORIONALIS.

Glyphodes actorionalis, Walker, Cat. Lep. Het. B. M. xvii, p. 498, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 92; and 1877, p. 618.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

Moore, Lep. Ceyl. iii, p. 322, pl. 180, fig. 1, ♂, (1886).

I. M., Andaman Islands (purchased).

Collection Swinhoe, Andaman Islands, Bombay.

Also recorded from Ceylon.

4178. GLYPHODES BICOLOR.

Botys bicolor, Swainson, Zool. Illustr., 1st ser. ii, pl. 77, fig. 2, (1821).

Glyphodes bicolor, Moore, Lep. Ceyl. iii, p. 321, (1886).

Eudiotis perspicillalis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handb. (1852), p. 53.*

Glyphodes perspicilla's, Meyrick, Trans. Ent. Soc. Lond. (1884), p. 299.

Glyphodes diurnalis, Guén., Delt. et Pyral., p. 294, 300, pl. 5, fig. 5, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 48, (1859).

Leder., Pyral. Wien. Ent. Monat. vii, p. 402, (1863).

Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.

Glyphodes parvalis, Walker, loc. cit. xxxiv, p. 1355, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.

I. M., Sikkim (purchased), Mergui (Anderson).

Collection Swinhoe, Poona Travancore, Calcutta, Andamans, Rangoon.

Also recorded from Australia, Celebes, Java, Ceylon, and South Africa.

4179. GLYPHODES BIVITRALIS.

Glyphodes bivitalis, Guén., Delt. et Pyral., p. 293, No. 298, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 497, (1859).

Moore, Proc. Zool. Soc. Lond., 1878, p. 849.

Leder., Pyral. Wien. Ent. Monat. vii, p. 402, (1863).

Moore, Lep. Ceyl. iii, p. 322, pl. 180, figs. 2, 2a, larva, (1886).

I. M., Sibsagar (Peal), Andaman Islands (purchased), Sikkim (Barakur).

Collection Swinhoe, Bombay, Ceylon, Alibagh, Darjeeling.

Also recorded from Tenasserim.

4180. GLYPHODES CALIDALIS.

Glyphodes calidalis, Guén., Delt. et Pyral, p. 294, No. 299, (1854).

————— Walker, Cat. Lep. Het. B. M., xvii, p. 497, (1859).

Coromandel.

4181. GLYPHODES CHILKA.

Glyphodes chilka, Moore, Descr. Ind. Lep. Atk., p. 216, pl. 7, fig. 9, (1887).

Darjiling.

4182. GLYPHODES CONCLUSALIS.

Glyphodes conclusalis, Walker, Cat. Lep. Het. B. M. xxiv, p. 1354, (1865).

————— *actorionalis*, Leder. (nec. Walker), Wien. Ent. Mon. vii, p. 402, pl. 14, fig. 4, (1863).

Collection Swinhoe, Sikkim, Nilgiri Hills.

4183. GLYPHODES FESSALIS.

Glyphodes fessalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 459, pl. 41, fig. 13.

J. M., Andaman Islands (de Roepstorff).

Collection Swinhoe, Mhow, Karachi.

4184. GLYPHODES ITYSALIS.

Glyphodes itysalis, Walker, Cat. Lep. Het. B. M., xvii, p. 501, ♂, (1859).

————— Moore, Lep. Ceyl. iii, p. 323, pl. 180, fig. 4, (1886).

I. M., Bombay and Khandalla (Swinhoe), Sibsagar, Andaman Islands (de Roepstorff), Nicobar Islands (de Niceville).

Collection Swinhoe, Bombay, Khandalla, Ceylon, Andaman Islands.

Also recorded from Borneo.

4185. GLYPHODES LACUSTRALIS.

Glyphodes lacustralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93, pl. 7, fig. 11.

Bengal.

4186. GLYPHODES LUCIFERALIS.

Botys luciferalis, Walker, Cat. Lep. Het. B. M. xxiv, p. 1412, (1865).

Glyphodes luciferalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 872.

————— *lora*, Moore, M. ss., Walker, loc. cit. xxxv, p. 1978, (1866).

I. M., Sibsagar (Peal), Sikkim (Barne), Andaman Islands (purchased), Calcutta.

Collection Swinhoe, Darjiling. Bombay.

4187. GLYPHODES MARGINALIS.

Glyphodes marginalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 618, pl. 60, fig. 15.

Andaman Islands.

4188. GLYPHODES PYLOALIS.

Glyphodes pyloalis, Walker, Cat. Lep. Het. B. M. xix, p. 973, (1859).
 ———— Moore, Lep. Ceyl. iii, p. 321, pl. 180, fig. 3, (1886).

Collection Swinhoe, Ceylon.

Also recorded from China.

4189. GLYPHODES STOLALIS.

Glyphodes stolalis, Guén. Delt. et Pyral, p. 293, No. 296, pl. 3, fig. 11, (1854).

————— Walker, Cat. Lep. Het. B. M. xvii, p. 497, (1859).

————— Leder, Pyral., Wien. Ent. Monat. vii, p. 402, (1863).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 92; and 1878, p. 849.

————— Snellen, Tijd. Voor. Ent. p. 143, vol. xxvi, (1883).

————— Moore, Lep. Ceyl. Ent. iii, p. 321, (1886).

I. M., Sibsagar (Peal), Sikkim (purchased).

Also recorded from Ceylon and Celebes.

4190. GLYPHODES ZELIMALIS.

Glyphodes Zelimalis, Walker, Cat. Lep. Het. B. M. xvii, p. 502, (1859).
 ———— Moore, Lep. Ceyl. iii, p. 557, pl. 215, fig. 6, (1887).

Ceylon, Borneo.

Genus **Polythlipta**.

4191. POLYTHLIPTA CEREALIS.

Polythlipta cerealis, Leder., Wien. Ent. Monat. vii, 477, (1863).

————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1490, (1865).

India.

4192. POLYTHLIPTA DISTORTA.

Polythlipta distorta, Moore, Descr. Ind. Lep. Atk., p. 215, pl. 7, fig. 25, (1887).

Darjiling.

Allied to *P. vagalis*.

4193. POLYTHLIPTA DIVARICATA.

Polythlipta divaricata, Moore, Lep. Ceyl. iii, p. 311, pl. 179, fig. 16, ♀, 16a larva, (1886).

Collection Swinhoe, Ceylon.

4194. *POLYTHLIPTA MACERATALIS*.

Polythlipta maceratalis, Leder., Wien. Ent. Monat. vii, p. 477, pl. 12' fig. 14, ♂, (1863).

———— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1490, (1865).

Polythlipta macralis (sic), Moore, Lep. Ceyl. iii, p. 310, (1886).

Ceylon.

4195. *POLYTHLIPTA PERAGRATA*.

Polythlipta peragrata, Moore, Deser. Ind. Lep. Atk. p. 216, pl. 7, fig. 15, (1887).

Darjiling.

Allied to *P. vagalis*.

4196. *POLYTHLIPTA VAGALIS*.

Glyphodes vagalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1356, (1835).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

I. M., Kulu (Young).

Collection Swinhoe, Solun, Darjiling.

Genus *Phakellura*.4197. *PHAKELLURA INDICA*.

Eudisoptes indica, Saunders, Trans. Ent. Soc. Lond., p. 1851, p. 163, pl. 12, figs. 5, 6, 7.

———— Moore, Lep. Ceyl: iii, p. 324, (1886).

Phakellura indica, Walker, Cat. Lep. Het. B. M. xviii, p. 514 (1859).

———— Snellen, Tijd Voor. Ent. xxvi, p. 141, (1883).

———— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525, 1885, p. 870 and 1886.

———— *indicalis*, Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

———— *gazorialis*, Guén. Delt. et Pyral, p. 237, No. 304, (1854).

———— Leder., Wien. Ent. Monat. vii, p. 400, (1863).

———— Semper, Verh. Zool. Bot. Ges. 1867, p. 702.

Phacellura indica (sic), Meyrick, Trans. Ent. Soc. Lond. 1884, p. 297.

I. M., Karachi [Swinhoe], Ranchi [Irvine], Sikkim, Calcutta.

Collection Swinhoe, Umballa, Nilgiri Hills, Mhow, Karachi,

Poona, Bombay, Ceylon, Andaman Islands, Rangoon.

Also recorded from Africa, China, Australia, Celebes, Java, Formosa.

4198. *PHAKELLURA SUPERALIS*.

Phakellura superalis, Guén., Delt. et Pyral, p. 299 No. 310, (1854).

———— Walker, Cat. Lep. Het. B. M. xviii, p. 515, (1859).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Sylhet.

4199. *PHAKELLURA TRANSLUCIDALIS*.

Phakellura translucidalis, Guén., Delt. et Pyral, p. 299, No. 309, (1854).

———— Walker, Cat. Lep. Het. B. M. xviii, p. 515, (1859).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Sylhet.

Genus *Cydalima*.4200. *CYDALIMA CONCHYLALIS*.

Margarodes conchylalis, Guén., Delt. et Pyral., p. 303, No. 317, pl. 8, fig. 8, (1854).

Margaronia conchylalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).

Cydalima conchylalis, Leder., Wien. Ent. Monat. vii, p. 397, (1863).

Walker, *loc. cit.*, xxxiv, p. 1369, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

Moore, Lep. Ceyl. iii, p. 326, (1886).

I. M., Khasi Hills, Sibhsagar, Dansiri.

Collection Swinhoe, Bhuj, Poona, Bombay, Sikkim.

Also recorded from Ceylon.

4201. *CYDALIMA LATICOSTALIS*.

Margarodes laticostalis, Guén., Delt. et Pyral., p. 303, No. 315, ♀, (1854).

Margaronia laticostalis, Walker, Cat. Lep. Het. B. M. xviii, 528, (1859).

Cydalima laticostalis, Walker, *loc. cit.*, xxxiv, p. 1368, (1865).

Moore, Proc. Zool. Soc. Lond., 1867, p. 93, and 1877, p. 618.

Lep. Ceyl. iii, p. 326, pl. 182, fig. 4, (1886).

Margaronia leodiceutis, Walker, *loc. cit.*, xviii, p. 530, ♂, (1859).

I. M., Sibhsagar (purchased), Sikkim (Barnes), Buxar, (Moti Ram), Dansiri (purchased), Andaman Islands (de Roepstorff), Sind (Karachi Museum).

Collection Swinhoe, Sikkim, Ceylon, Andaman Islands, Rangoon.

4202. *CYDALIMA NITIDICOSTALIS*.

Margarodes nitidicostalis, Guén., Delt. et Pyral., 303, No. 316, (1854).

Margaronia nitidicostalis, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).

Cydalima nitidicostalis, Walker, *loc. cit.*, xxxiv, p. 1369, (1865).

Sylhet.

4203. *CYDALIMA SUBMARGINALIS*.

Botys submarginalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1414, (1865).

Cydalima submarginalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

I. M., Sikkim, Sibhsagar, Naga Hills, Karachi (Simla).

Collection Swinhoe, Karachi, Bombay, Nilgiri Hills.

Genus *Enochcnemidia*.4204. *ENOCHCNEMIDIA PHRYNEUSALIS*.

Margaronia phryneusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 531, ♂, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

Enochcnemidia phryneusalis, Moore, Lep. Ceyl. iii, p. 328, pl. 182, fig. 12, ♂, (1886).

Margaronia morvusalis, Walker, *loc. cit.*, xviii, p. 533, ♀, (1859).

Margaronia attitalis, Walker, *loc. cit.*, p. 533, ♀, (1859).

Collection Swinhoe, Sikkim, Bombay.

Also recorded from Borneo and Australia.

Genus *Margaronia*.4205. *MARGARONIA CELSALIS*.*Botys celsalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 654, (1859).*Margaronia celsalis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

Moore, Lep. Ceyl. iii, p. 325, pl. 181, fig. 4, (1886).

I. M., Ranchi (Irvine), Ceylon (Colombo Museum).

Collection Swinhoe, Khasi Hills, Poona, Nilgiri Hills, Rangoon.

Also recorded from Borneo.

4206. *MARGARONIA FRATERNA*.*Margaronia fraterna*, Moore, Descr. Ind. Lep. Atk., p. 217, (1887).

Cherrapunji.

Allied to *M. celsalis*.4207. *MARGARONIA GLAUCULALIS*.*Margarodes glauculalis*, Guén., Delt. et Pyral., p. 306, No. 325, (1854).

Leder, Pyral. Wien. Ent. Monat. vii, p. 398, (1863).

Margaronia glauculalis, Walker, Cat. Lep. Het. B. M. xviii, p. 532, (1859).

Moore, Lep. Ceyl. iii, p. 325, pl. 181, figs. 2, 2a, 1886.

Margaronia vertumnalis, Swinhoe (*nec* Guén.), Proc. Zool. Soc. Lond. 1885, p. 871.

I. M., Ceylon (Swinhoe).

Collection Swinhoe, Ceylon, Belgaum, Poona, Bombay.

4208. *MARGARONIA TRANSVISALIS*.*Margarodes transvisalis*, Guén., Delt. et Pyral. 304, No. 320, (1854).*Margaronia transvisalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 525, (1859), and xix, p. 976, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 94.

Warren, Proc. Zool. Soc. Lond. 1838, p. 334.

Collection Swinhoe, Solun, Nilgiri Hills.

Also recorded from Mauritius, Africa, and Australia.

Genus *Pachyarches*.4209. *PACHYARCHES AMPHITRITALIS*.*Margarodes amphitritalis*, Guén., Delt. et Pyral. 307, No. 327, (1854).*Margaronia amphitritalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 529, (1859).*Pachyarches amphitritalis*, Leder., Wien. Ent. Monat. vii, p. 398, (1863).

Moore, Proc. Zool. Soc. Lond. 1867, p. 94.

Sylhet.

4210. *PACHYARCHES HILARALIS*.*Margaronia hilaralis*, Walker, Cat. Lep. Het. B. M., xviii, p. 532, (1859).*Pachyarches hilaralis*, Moore, Lep. Ceyl. iii, p. 328, (1886).

Collection Swinhoe, Sikkim, Rangoon.

Also recorded from Ceylon.

4211. *PACHYARCHES MARTHESIUSALIS.*

Margaronia marthesiusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 531, (1859).

Pachyarches marthesiusalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.

I. M., Sibsagar, Naga Hills, North Khasi Hills, Sikkim, Calcutta, Dansiri.

4212. *PACHYARCHES POMONALIS.*

Margarodes pomonalis, Guén., Delt. et Pyral., p. 309, No. 334, (1854).

Margaronia pomonalis, Walker, Cat. Lep. Het. B. M., xviii, p. 530, (1859).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

Pachyarches pomonalis, Leder., Wien. Ent. Monat. vii, p. 398, (1863).

— Moore, Proc. Zool. Soc. Lond., 1867, p. 94.

— Lep. Ceyl. iii, p. 327, pl. 182, fig. 7, ♂, (1886).

Collection Swinhoe, Bombay, Poona, Khandalla.

Also recorded from China and Ceylon.

4213. *PACHYARCHES PSITTACALIS.*

Parotis psittacalis, Hübn., Samml. Exot. Schmett. iii, p. 30, (1825)*.

Margarodes psittacalis, Guén., Delt. et Pyral., p. 308, No. 332, (1854).

Margaronia psittacalis, Walker, Cat. Lep. Het. B. M., xviii, p. 529, (1859).

Pachyarches psittacalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 398, (1863).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 94.

— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 296.

— Moore, Lep. Ceyl. iii, p. 327, (1886).

Margaronia maliferalis, Walker, loc. cit., xxxiv, p. 1863, ♂, (1865).

— Swinhoe, Proc. Zool. Soc., 1885, p. 871.

Pachyarches maliferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

I. M., Sikkim (Barnes), Andaman Islands (purchased), Sibsagar (Peal), Calcutta, Dansiri.

Collection Swinhoe, Bombay, Nilgiri Hills, Rangoon, Andaman Isles.

Also recorded from Australia and Celebes.

4214. *PACHYARCHES TIBIALIS.*

Pachyarches tibialis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

Andaman Islands, Calcutta.

Allied to *P. maliferalis*.

4215. *PACHYARCHES VERTUMNALIS.*

Margarodes vertumnalis, Guén., Delt. et Pyral., p. 309, No. 333, (1854).

Margaronia vertumnalis, Walker, Cat. Lep. Het. B. M., xviii, p. 530, (1859).

Pachyarches vertumnalis, Moore, Proc. Zool. Soc. Lond., 1878, p. 850.

Tenasserim and Central India.

Genus *Sisyrophora*.4216. *SISYROPHORA* PFEIFFERÆ.

Sisyrophora pfeifferæ, Leder., Wien. Ent. Monat. vii, p. 399, pl. 13, fig. 13, (1863).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 94, and 1878, p. 850.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Darjiling, Andaman Isles.

Also recorded from Singapore.

Genus *Hoterodes*.4217. *HOTERODES* CINEREALIS.

Hoterodes cinerealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 94.

Collection Swinhoe, Darjiling.

Genus *Pygospila*.4218. *PYGOSPILA* TYRES.

Phalæna (pyralis) tyres, Cram., Pap. Exot. iii, pl. 263, fig. C, (1779).

Pygospila tyres, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 624.

————— Leder, Pyral. Wien. Ent. Monat. vii, p. 404, (1863).

————— Moore, Lep. Ceyl. iii, p. 329, (1886).

————— Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

Phlyctæna thyrallis, Hubn., Verz. Bek. Schm. p. 359, No. 3442, (1816).

Pygospila tyresalis, Guén., Delt. et Pyral., p. 312, No. 340, (1854).

————— Walker, Cat. Lep. Het. B. M. xviii, p. 537, (1859).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 95.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870; and 1886, p. 459.

Phalæna æstuata (part), Fabr., Syst. Ent., p. 638, No. 98, (1775).

————— (nec Linn.), Ent. Syst. iii, 2, p. 207, No. 290, (1794).

Pygospila costiflexalis, Guén., Delt. et Pyral., p. 313, No. 341, (1854).

Lomotropa costiflexalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 405, pl. 14, fig. 8, 8, (1863).

Pygospila costiflexalis, Walker, Cat. Lep. Het. B. M. xviii, p. 538, (1859).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.

I. M., Sikkim (Barnes), Karachi and Bombay (Swinhoe), Ranchi (Irvine), Kulu (Young), Buxar (Moti Ram), Calcutta.

Collection Swinhoe, Karachi, Mhow, Poona, Khandalla, Bombay, Nilgiri Hills.

Also recorded from Ceylon.

Genus *Neurina*.4219. *NEURINA* PROCOPIA.

Phalæna (Pyralis) procopia, Cram., Pap. Exot. iv, 162, pl. 368, fig. e, (1782).

Euglyphis procopialis, Hübner, Verz. bek. Schmett. p. 341, No. 3275, (1816).

————— Walker, Cat. Lep. Het. B. M. xviii, p. 538, (1859).

————— Moore, Proc. Zool. Soc. Lond., 1867, p. 95, and 1878, p. 850.

NEURINA PROCOPIA—continued.

Neurina procopialis, Guén., Delt. et Pyral., p. 314, No. 342, (1854).

——— *procopia*, Leder., Wien. Ent. Monat. vii, p. 395, (1863).

——— Moore, Lep. Ceyl. iii, p. 330, pl. 182, fig. 1, (1886).

I. M., Cachar (Wood-Mason), Sibsagar (Peal), Sikkim (purchased).

Collection Swinhoe, Sylhet, Ceylon.

Also recorded from Java and Amboina.

Genus *Filodes*.4220. *FILODES FULVIDORSALIS*.

Pinacia fulvidorsalis, Hubn., Geyer, Zutr. Sammel. Exot. Schmett. 15, 322, fig. 643, 644, (1832).*

Filodes fulvidorsalis, Guén., Delt. et Pyral., p. 317, No. 343 (1854).

——— Leder., Wien. Ent. Monat. vii, p. 391, pl. 12, fig. 17, (1863).

——— Moore, Proc. Zool. Soc. Lond. 1867, p. 95.

Euglyphis fulvidorsalis, Walker, Cat. Lep. Het. B. M. xviii, p. 539, (1859).

——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872.

Filodes fulvidorsalis, Moore, Lep. Ceyl. iii, p. 331, pl. 182, fig. 2 ♂, 2 ♀ larva.

I. M., Calcutta, Ceylon (Swinhoe).

Collection Swinhoe, Darjiling, Belgaum, Khandalla, Ceylon, Rangoon.

Also recorded from Java, Manilla, and Réunion.

4221. *FILODES MIRIFICALIS*.

Auxomitia mirificalis, Leder., Wien. Ent. Monat. vii, p. 391, pl. 13, fig. 1, (1863).

——— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1370, (1865).

——— Moore, Proc. Zool. Soc. Lond. 1877, p. 619.

Filodes mirificalis, Moore, Lep. Ceyl. iii, p. 331, (1886).

I. M., Andaman Islands (purchased).

Collection Swinhoe, Ceylon.

4222. *FILODES NIGROLINEALIS*.

Filodes nigrolinealis, Moore, Proc. Zool. Soc. Lond., 1867, p. 95.

Bengal.

4223. *FILODES OCTOMACULALIS*.

Filodes octomaculalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 95.

Darjiling.

4224. *FILODES PATRUELIS*.

Filodes patruelis, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).

Calcutta, Cherrapungi.

Allied to *F. fulvidorsalis*.

Genus **Euclasta**.4225. **EUCLASTA DEFAMATALIS**.

Plurgia defamatalis, Walker, Cat. Lep. Het. B. M. xviii, p. 544, (1859).
Euclasta defamatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 872, and
 1886, p. 459.

Collection Swinhoe, Mhow, Bombay, Alibagh, Nilgiri Hills,
 Rangoon.

Also recorded from Nepal and Ceylon.

4226. **EUCLASTA FILIGERALIS**.

Euclasta filigeralis, Leder., Wien. Ent. Monat., vii p. 481, pl. 16, fig. 14,
 (1863).

————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1368, (1865).

India

Genus **Noorda**.4227. **NOORDA BIIFERALIS**.

Noorda blitealis, Walker, Cat. Lep. Het. B. M. xix, p. 979, (1859).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 871.

————— Moore, Lep. Ceyl. iii, p. 354, pl. 178, fig. 11, (1886).

Scopula (?) subjectalis, Walker, loc. cit., xxxiv, p. 1472, (1865).

I. M., Bombay (Swinhoe).

Collection Swinhoe, Karachi, Poona, Bombay, Alibagh.

Also recorded from Ceylon.

Genus **Cornifrons**.4228. **CORNIFRONS ULCERATALIS**.

Cornifrons ulceratalis, Leder, Wien. Ent. Monat. vii, p. 384, — (1863).

————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1491, (1865).

India, Syria.

Genus **Maruca**.4229. **MARUCA TESTULALIS**.

Crociphora testulalis (Hubn.), Geyer, Zutr. Samml. Exot. Schmett. iv, 12,
 315, figs 629-30, (1832).*

Stema testulalis, Guén., Delt. et Pyral., pp. 247, 230, (1854).

————— Walker, Cat. Lep. Het. B. M. xvii, p. 420, (1859).

Seriocauta testulalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 424, (1863).

————— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 290.

————— Snellen, Tijd. Voor. Ent., vol. xxvii, p. 39, (1884).

Maruca testulalis, Moore, Lep. Ceyl. iii, p. 298, (1885).

Hydrocampa aquatilis, Boisd., Guér. Men. Icon. Reg. Anim. Ina., pl.
 90, fig. 9, (1844) *

Maruca aquatilis, Walker, Cat. Lep. Het. B. M. xviii, p. 540, (1859).

————— Butler, Ann. Mag. Nat. Hist. (5), xviii, p. 198, (1866).

MARUCA TESTULALIS—continued.

Maruca aquatilis, Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

— Swinhoe Proc. Zool. Soc. Lond. 1885, p. 870.

I. M., Khandalla (Swinhoe), Kulu (Young), Sibsagar, Dansiri, Ceylon (Colombo Museum).

Collection Swinhoe, Khasi Hills, Darjiling, Umballa, Poona, Khandalla, Nilgiri Hills, and Andaman Islands, Rangoon.

Also recorded from S. America, S. Africa, Australia, Celebes and Borneo.

Genus Pitama.**4230. PITAMA LATIVITTA.**

Pitama lativitta, Moore, Descr. Ind. Lep. Atk., p. 217, pl. 7, fig. 21, (1887).

Darjiling.

Genus Rhagoba.**4231. RHAGOBA BIMACULATA.**

Rhagoba bimaculata, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).

Darjiling.

Genus Charema.**4232. CHAREMA ALBOCILIATA.**

Charema albociliata, Moore, Descr. Ind. Lep. Atk., p. 219, (1887).

Calcutta.

4233. CHAREMA CALETORALIS.

Botys caletoralis, Walker, Cat. Lep. Het. B. M. xviii, p. 651, (1859).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Sylhet.

4234. CHAREMA IMBECILIS.

Charema imbecilis, Moore, Descr. Ind. Lep. Atk., p. 219, pl. 7, fig. 23, (1887).

Darjiling.

Allied to *C. vinacealis*.

4235. CHAREMA NOCTESCENS.

Charema noctescens, Moore, Descr. Ind. Lep. Atk., p. 218, (1887).

Darjiling.

4236. CHAREMA VINAQUALIS.

Botys vinacealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 619, and 1878, p. 850.

Collection Swinhoe, Sibsagar.

Also recorded from Andaman Islands and Tenasserim.

Allied to *C. caletoralis*.

FAMILY ASOPIDÆ.

Genus *Chnaura*.4237. *CHNAURA OCTAVIALIS*.

- Syngamia octavialis*, Walker, Cat. Lep. Het. B. M. xvii, p. 334, ♂, (1859).
Chnaura octavialis, Leder., Pyral. Wien. Ent. Monat. vii, p. 435, pl. 17
 fig. 4, (1863).
 ————— Walker, *loc. cit.*, xxxiv, p. 1323, (1865).
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
 ————— Lep. Ceyl. iii, p. 271, (1885).

I. M., Sibsagar (Peal).

Also recorded from Ceylon and Sumatra.

[Genus *Sameodes*.4238. *SAMEODES PIPELEISALIS*.

- Stenia pipeleisalis*, Walker, Cat. Lep. Het. B. M., xvii, p. 420, (1859).
Sameodes pipeleisalis, Meyrick, Trans. Ent. Soc. 1884, p. 300.
Sameodes pipeleisalis, Moore, Lep. Ceyl. iii, p. 307, pl. 181, fig. 14, (1886).
Lepyrodus (?) lepidalis, Walker, *loc. cit.*, xvii, p. 465, (1859).
 ————— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.
Samea idealis, Walker, *loc. cit.*, xix, p. 937, (1859).
Hymenia meridionalis, Walker, *loc. cit.*, xxxiv, p. 1314, (1865).
Sameodes truthyalis, Snellen, Tijds. Voor. Ent. 1880, p. 218, and 1883,
 p. 134, pl. 8, fig. 4.
Samea vespertinalis, Saalmuller, Ber. Senck. Gesell. 1880, p. 301.*
 India, Ceylon, and Australia.

Genus *Samea*.4239. *SAMEA ABSTRUSALIS*.

- Ædiodes abstrusalis*, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).
 Calcutta.
 Allied to *S. inscitalis*.

4240. *SAMEA (?) BIPUNCTALIS*.

- Samea (?) bipunctalis*, Warren, Proc. Zool. Soc. Lond. 1888, p. 333.
 Thundiani (Punjab).

4241. *SAMEA COMMIXTA*.

- Samea commixta*, Butler, Ann. Mag. Nat. Hist. Descr. 1879, p. 453.
 I. M., Ceylon (Colombo Museum).
 Collection Swinhoe, Solun.
 Also recorded from Japan.

4242. *SAMEA CONTINENTALIS*.

- Samea continentalis*, Guén., Delt. et Pyral, p. 197, No. 139, (1854).
 ————— Walker, Cat. Lep. Het. B. M. xvii, p. 356, (1859).
 India.

4243. *SAMEA CUPRINALIS*.

Samea cuprinalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 615.
Andaman Islands.

4244. *SAMEA GEOGRAPHICALIS*.

Samea geographicalis Guén., Delt. et Pyral., p. 197, No. 138, (1854).
Walker, Cat. Lep. Het. B. M. xvii, p. 356, (1859).
India.

4245. *SAMEA GRACILIS*.

Samea (?) *gracilis*, Warren, Proc. Zool. Soc. Lond. 1888, p. 334.
Thuudiani (Punjab).

4246. *SAMEA GRATIOSALIS*.

Samea gratiosalis, Walker, Cat. Lep. Het. B. M., xvii, p. 357, ♂, (1859).
Moore, Proc. Zool. Soc. Lond., 1867, p. 90.
Lep. Ceyl. iii, p. 274, (1885).
Darjiling, Ceylon.

4247. *SAMEA INSCITALIS*.

Adrodes inscitalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1297, (1865).
Samea inscitalis, Butler, Proc. Zool. Soc. Lond., 1883, p. 167.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868, and 1886, p. 458.
Collection Swinhoe, Mhow, Poona, Travancore, Alibagh, Nilgiri
Hills and Andaman Islands, Rangoon.
Allied to *S. ecclesiastis*, Guén.

4248. *SAMEA PURPURASCENS*.

Samea purpurascens, Moore, Proc. Zool. Soc. Lond. 1877, p. 61
I. M., Andaman Islands (purchased).

4249. *SAMEA QUINQUIGERA*.

Samea quinquigera, Moore, Descr. Ind. Lep. Atk., p. 207, pl. 7, fig. 14.
(1887).
Darjiling.

4250. *SAMEA RHODOPHILALIS*.

Endotricha (?) *rhodophilalis*, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1311,
(1865).
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Samea rhodophilalis, Moore, Lep. Ceyl. iii, p. 275, pl. 178, fig. 13, ♀, (1885).
Botys amœnalis, Walker, loc. cit., xxxiv, p. 1445, (1865).
Samea dives, Butler, Proc. Zool. Soc. Lond. 1880, p. 682.
I. M., Dansiri, Sibsagar.
Collection Swinhoe, Bombay.
Also recorded from Ceylon.

4251. *SAMEA RORIDALIS*.

Asopia (?) *roridalis*, Walker, Cat. Lep. Het. B. M., xvii, p. 371, (1859).
Samea roridalis, Moore, Lep. Ceyl. iii, p. 275, (1885).

Ceylon.

4252. *SAMEA YERBURII*.

Samea yerburii, Butler, Proc. Zool. Soc. Lond., 1886, p. 383, pl. 35, fig. 6.
 Murree.

Allied to *S. magna* of Japan.

Genus *Tamraca*.4253. *TAMRACA TORRIDALIS*.

Asopia torridalis, Leder., Pyral. Wien. Ent. Monat. vii, pp. 342, 457, pl. 6, fig. 15, (1863).

————— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1304, (1865).

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.

Tamraca torridalis, Moore, Lep. Ceyl. iii, p. 554, pl. 215, figs. 7, 8, ♂, ♀, (1887).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

Genus *Mabra*.4254. *MABRA ERYXALIS*.

Asopia eryxalis, Walker, Cat. Lep. Het. B. M., xvii, p. 371, (1859).

Mabra eryxalis, Moore, Lep. Ceyl. iii, p. 280, pl. 179, fig. 4, 1885.

Ceylon.

4255. *MABRA FLAVOFIMBRIATA*.

Mabra flavofimbriata, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Calcutta.

Genus *Asopia*.4256. *ASOPIA LIMBOLALIS*.

Asopia limbolalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 615.

Andaman Islands.

4257. *ASOPIA ONYCHINALIS*.

Asopia onychinalis, Guén., Delt. et Pyral., p. 205, No. 158, (1854).

————— Walker, Cat. Lep. Het. B. M. xvii, p. 369, (1859).

Coromandel.

Genus *Desmia*.4258. *DESMIA CRITHEALIS*.

Desmia crithealis, Walker, Cat. Lep. Het. B. M. xvii, p. 344, (1859).

Collection Swinhoe, Simla.

Also recorded from North China.

4259. *DESMIA* (♂) *LUCTUOSALIS*.

Hyalitis luctuosalis, Guén., Delt. et Pyral., p. 280, No. 291, (1854).

Dermiac (?) *luctuosalis*, Walker, Cat. Lep. Het. R. M. xvii, p. 345, (1859).

India.

Genus *Danaga*.

4260. *DANAGA* *CONCISALIS*.

Desmia concisalis, Walker, Cat. Lep. Het. R. M. xvii, p. 345, (1859).

Danaga concisalis, Moore, Lep. Ceyl. iii, p. 272, pl. 179, fig. 3, ♂, (1855).

Ceylon.

Genus *Hymenia*.

4261. *HYMENIA* *PERSPECTALIS*.

Pyralis perspectalis, Hübn., Exot. Schm. Pyral., fig. 101.*

Hymenia perspectalis, Hübn., Verz. Schm., p. 361, No. 2452, (1816).*

Walker, Cat. Lep. Het. B. M. xvii, p. 395, (1859).

Spoladea perspectalis, Guén., Delt. et Pyral., p. 226, No. 192, (1854).

Collection Swinhoe, India.

Also recorded from Jamaica, Rio Janeiro.

San Domingo, Venezuela.

4262. *HYMENIA* *RECURVALIS*.

Phalæna recurvalis, Fabr., Ent. Syst. iii, 2, p. 237, No. 407, (1794).

Spoladia recurvalis, Guén., Delt. et Pyral., p. 225, 190, pl. 8, fig. 5, (1854).

Hymenia recurvalis, Walker, Cat. Lep. Het. B. M. xvii, p. 396, (1859).

Moore, Lep. Ceyl. iii, p. 293, (1855).

Warren, Proc. Zool. Soc. Lond. 1888, p. 407.

Zinckenia recurvalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 437, (1863).

Walker, loc. cit., xxxiv, p. 1321, (1865).

Snellen, Tijd. Voor. Ent. vii, p. 95, (1872).

Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handb. p. 55, (1883).*

Meyrick, Trans. Ent. Soc. Lond. 1884, p. 308.

Phalæna angustalis, Fabr., Maut., p. 222, No. 309, (1787).

Phalæna (*Pyralis*) *fascialis*, Cramer, Pap. Exot. iv, pl. 398, fig. O, (1782).

Stoll., Pap. Exot. v, pl. 36, fig. 13, (1790).

Hymenia diffascialis, Hübn., Verz. Bek. Schm., p. 361, No. 3453, (1816).

Hydrocampa albifascialis, Boisduval, Faun. Ent. Madag. Lep. p. 119, pl. 16, fig. 1, (1834).*

Phalæna nigrella, Linn., Syst. Nat., ed. 13, iii, App., p. 225.

Hymenia fascialis, Butler, Ann. Mag. Nat. Hist. (6), 5, 1880, p. 226.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1856, p. 887; and 1886, p. 457.

Butler, Proc. Zool. Soc., 1886, p. 384.

I. M., Karaohi (Swinhoe), Calcutta, Andaman Islands (purchased), Kulu (Young), Nicobar Islands (de Niceville), Mergui (Anderson).

Collection Swinhoe, Andaman Islands, Kasauli, Poona, Campbellpur, Mhow, Karachi, Satara, Bombay, Rangoon, Ceylon, Nilgiri Hills.

Also recorded from West Indies, S. America, Africa, Australia, New Zealand, China, and New Guinea.

Genus *Coptobasis*.4263. *COPTOBASIS ADDUCTALIS*.

Botys adductalis, Walker, Cat. Lep. Het. B. M. xviii, p. 669, (1859).

Coptobasis adductalis, Moore, Lep. Ceyl. iii, p. 292, pl. 181, fig. 7, (1885).

Coptobasis luminalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 482, No. 118, pl. 16, fig. 10, (1863).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

4264. *COPTOBASIS AENEALIS*.

Coptobasis aenealis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867; and 1886, p. 458.

Collection Swinhoe, Mhow, Poona, Bombay, Nilgiri Hills, Khandalla.

Allied to *C. opisalis*.

4265. *COPTOBASIS ANDAMANALIS*.

Coptobasis andamanalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 615, pl. 60, fig. 14.

Andaman Islands.

Allied to *C. aenealis*.

4266. *COPTOBASIS COLOMBOENSIS*.

Coptobasis colomboensis, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 13, (1887).

Ceylon.

4267. *COPTOBASIS CROTONALIS*.

Botys crotonalis, Walker, Cat. Lep. Het. B. M. xix, p. 997, (1859).

Coptobasis crotonalis, Moore, Lep. Ceyl. iii, p. 292, (1885).

Ceylon.

Allied to *C. (Botys) sulcialis* from Borneo.

4268. *COPTOBASIS CUPREALIS*.

Coptobasis cuprealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 616, pl. 60, fig. 13.

I. M., Andaman Islands (purchased).

Collection Swinhoe, Andaman Islands.

4269. *COPTOBASIS DEFICIENS*.

Coptobasis deficiens, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 12, (1887).

Ceylon.

4270. *COPTOBASIS FRATERNA*.

Coptobasis fraterna, Moore, Lep. Ceyl. iii, p. 292, pl. 181, fig. 8, ♂, (1885).

Ceylon.

4271. *COPTOBASIS LUNALIS*.

Botys lunalis, Guén., Delt. et Pyral., p. 352, No. 417, (1854).

Walker, Cat. Lep., Het. B. M. xviii, pl. 662, (1859).

Coptobasis lunalis, Moore, Proc. Zool. Soc. Lond., p. 1877, p. 616.

Lep. Ceyl. iii, p. 291, (1885).

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 867.

Botys thyalis, Walker, loc. cit. xviii, p. 734, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Coptobasis thyalis (sic), Leder., Wien. Ent. Monat. vii, p. 429, (1863).

Botys thiasalis, Walker, loc. cit. xix, p. 1007, (1859).

I. M., Audaman Islands (de Koepstorff and purchased).

Collection Swinhoe, Bombay, Poona, Karachi, Andaman Islands,
Rangoon, Nilgiri Hills.

Also recorded from Ceylon.

4272. *COPTOBASIS CEMEALIS*.

Botys cemealis, Walker, Cat. Lep. Het. B. M. xviii, p. 671, (1859).

Collection Swinhoe, Sikkim.

4273. *COPTOBASIS OPISALIS*.

Desmia opisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 346, (1859).

Coptobasis opisalis, Walker, loc. cit. xxxiv, p. 1319, (1865).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867, and 1886,
p. 458.

Collection Swinhoe, Mhow, Bhuj Coast, Poona, Bombay, Khan-
dalla.

4274. *COPTOBASIS QUADRIMACULALIS*.

Botys quadrimaculalis, Bremer & Grey, Beitr. Zur. Schm. Fauna des
Nordlichen China's 22, 3. *

Desmia (??) *quadrinaculalis*, Walker, Cat. Lep. Het. B. M. xix, p. 934,
(1859).

I. M., Kulu (Young).

Collection Swinhoe, Darjiling.

Also recorded from North China.

4275. *COPTOBASIS TEXTALIS*.

Coptobasis textalis Leder., Wien, Ent. Monat. vii, 482, pl. 16, fig. 9, (1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1319,
(1865).

India.

4276. *COPTOBASIS TROPICALIS*.

Botystropicalis, Walker, Cat. Lep. Het. B. M. xviii, p. 670, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 873.

Coptobasis tropicalis, Moore, Lep. Ceyl. iii, p. 293, pl. 191, fig. 9, (1885).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

Genus *Ætholix*.4277. *ÆTHOLIX FLAVIBASALIS*.

Ædiodes flavibasalis, Guén., Delt. et Pyral, p. 193, No. 131, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 347, (1859).

Ætholix flavibasalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 438, pl. 17, fig. 8, (1863).

Walker, loc. cit., xxiv, p. 1321, (1865).

Moore, Lep. Ceyl. iii, p. 287, (1885).

I. M., Andaman Islands (purchased).

Also recorded from Ceylon, Borneo.

Genus *Bocchoris*.4278. *BOCCHORIS INSPERSALIS*.

Botys inpersalis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handb. 1852, p. 33.*

Ædiodes inpersalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 434, (1863).

Bocchoris inpersalis, Moore, Lep. Ceyl. iii, p. 272, (1885).

Desmia affictalis, Guén., Delt. et Pyral., p. 190, No. 125, pl. 5, fig. 4, (1854).

Walker, Cat. Lep. Het. B. M. vii, p. 344, (1859).

Ætiodes bootanalis, Walker, loc. cit., xxiv, p. 1298, (1865).

Ceylon, Bhotan, and Africa.

Genus *Agrotera*.4279. *AGROTERA EFFERTALIS*.

Ædiodes effertalis, Walker, Cat. Lep. Het. B. M. xvii, p. 348, ♀, (1859).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.

Agrotera effertalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 439, (1863).

— Moore, Lep. Ceyl. iii, p. 288, (1885).

Collection Swinhoe, Bombay, Khaidalla, Poona, Nilgiri Hills.

Also recorded from Ceylon.

4280. *AGROTERA FERRUGINATA*.

Agrotera ferruginata, Moore, Descr. Ind. Lep. Atk., p. 209, (1887).

Darjiling.

4281. *AGROTERA* (?) *RUMINALIS*.

Agrotera (?) *ruminalis*, Walker, Cat. Lep. Het. B. M., xvii, p. 387, (1859).

North India.

Genus *Agathodes*.4282. *AGATHODES OSTENTALIS*.

Perinephela ostentalis, Geyer, Zutr. Samml. Exot. Schm. x, 417, figs. 833, 834.*

Agathodes ostentalis, Guén., Delt. et Pyral. 208, 164, (1854).

Agathodes ostentalis, Walker, Cat. Lep. Het. B. M., xvii, p. 378, (1859).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.

— Moore, Lep. Ceyl. iii, p. 555, pl. 215, fig. 10, (1887).

I. M., Sikkim (Barnes), Andaman Islands (purchased), Mandi.

Collection Swinhoe, Sikkim, Bombay, Lanaoli, Bassein (Burma).

Also recorded from Java and Ceylon.

Genus *Terastia*.

4283. *TERASTIA DIVERSALIS*.

Agathodes diversalis, Walker, Cat. Lep. Het. B. M., xxxiv, 1307, (1865).
Terastia diversalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 90.

Collection Swinhoe, Darjiling.

4284. *TERASTIA PROCERALIS*.

Terastia proceralis, Leder, Wien. Ent. Monat. vii, p. 480, No. 105, (1863).
 ——— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1308, (1865).

India.

4285. *TERASTIA SUBJECTALIS*.

Terastia subjectalis, Leder, Wien. Ent. Monat. vii, p. 480, No. 106, (1863).
 ——— Walker, Cat. Lep. Het. B. M., xxxiv, p. 1308, (1865).

India, Philippine Isles.

Genus *Leucinodes*.

4286. *LEUCINODES AUXIALIS*.

Leucinodes auxialis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 458, pl. 41, fig. 12.

. Collection Swinhoe, Mhow.

4287. *LEUCINODES DISCISIGNA*.

Leucinodes discisigna, Moore, Proc. Zool. Soc. Lond., 1883, p. 29.

Darjiling.

4288. *LEUCINODES MELANOPALIS*.

Leucinodes melanopalus, Guén., Delt. et Pyral., p. 224, No. 189, (1854).
 ——— Walker, Cat. Lep. Het. B. M. xvii, p. 394, (1859).

India.

4289. *LEUCINODES OPALINA*.

Leucinodes opalina, Moore, Lep. Ceyl. iii, p. 289, pl. 179, fig. 10, (1885).

I. M., Ceylon (Colombo Museum).

4290. *LEUCINODES ORBONALIS*.

Leucinodes orbonalis, Guén., Delt. et Pyral., p. 223, No. 187, (1854).

——— Walker, Cat. Lep. Het. B. M. xvii, p. 393, (1859).

——— Leder., Pyral. Wien. Ent. Monat. vii, p. 440, (1863).

——— Moore, Proc. Zool. Soc. Lond., 1867, p. 90, and 1877, p. 615.

——— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 524, and 1885, p. 868.

——— Moore, Lep. Ceyl. iii, p. 289, pl. 179, fig. 9, (1885).

I. M., Sibsagar (Peal), Kulu (Young).

Collection Swinhoe, Bombay, Poona, Karachi, Larkana (Sind), Ceylon, Rangoon, Khasi Hills, Kulu, Sibsagar.

Also recorded from Java, Andaman Islands, South Africa.

4291. *LEUCINODES SIGUALIS*.

Leucinodes sigualis, Guén., Delt. et Pyral., p. 223, No. 188, (1854).
 ————— Walker, Cat. Lep. Het. B. M. xvii, p. 394, (1859);
 and xix, p. 941, (1859).

India.

Genus *Physematia*.4292. *PHYSEMATIA CONCORDALIS*.

Physematia concordalis, Leder., Wien. Ent. Monat. vii, p. 447, pl. 17, fig. 14, (1863).
 ————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1331, (1865).
 ————— Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Nicobar Islands.

Genus *Dichocrocis*.4293. *DICHCROCIS FRENATALIS*.

Dichocrocis frenatalis, Leder., Wien. Ent. Monat. vii, p. 448, pl. 17, fig. 15, (1863).
 ————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1331, (1865).
 ————— Moore, Proc. Zool. Soc. Lond. 1877, p. 616.

Nicobar Islands.

Genus *Megaphysa*.4294. *MEGAPHYSA EGIALEALIS*.

Megaphysa egialealis, Walker, Cat. Lep. Het. B. M. xvii, p. 383, (1859).
 I. M., Sikkim (purchased).

Genus *Daraba*.4295. *DARABA* (?) *VITELLIALIS*.

Daraba (?) *vitellialis*, Walker, Cat. Lep. Het. B. M. xvii, p. 386, (1859).
 India.

Genus *Eudorea*.4296. *EUDOREA GRANITALIS*.

Eudorea granitalis, Moore, Ann. Mag. Nat. Hist. (5), 1, 1878, p. 235.
 ————— 2nd Yarkand Mission, Lep. 1879, p. 13, pl. 1, fig. 25.

Yarkand.

4297. *EUDOREA LATIVITTA*.

Eudorea lativitta, Moore, Proc. Zool. Soc. Lond., 1883, p. 29.
 Darjiling.

4298. *EUDOREA TRANSVERSALIS*.*Eudorea transversalis*, Moore, Ann. Nat. Hist (5), 1, 1878, p. 235.*2nd Yarkand Mission, Lep., p. 14, (1879).*

I. M., Yarkand (Moore's type).

Genus *Patania*.4299. *PATANIA CONCATENALIS*.*Botys concatenalis*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1408, (1865).

Moore, Proc. Zool. Soc. Lond. 1867, p. 97.

Collection Swinhoe, Sikkim.

4300. *PATANIA SEMIVIALIS*.*Patania semivialis*, Moore, Descr. Ind. Lep. Atk., p. 209, pl. 7, fig. 6, (1887).

Darjiling.

Allied to *P. concatenalis*.

FAMILY SPILOMELIDÆ.

Genus *Salbia*.4301. *SALBIA DIAGONALIS*.*Salbia diagonalis*, Guén., Delt. et Pyral., p. 201, No. 147, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 361, (1859).

I. M., Kulu (Young).

Collection Swinhoe, Sikkim, Kulu.

Also recorded from Java.

4302. *SALBIA STRAMINALIS*.*Salbia straminalis*, Guén., Delt. et Pyral., p. 200, No. 146, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 360, (1859).

Coromandel.

Genus *Synclera*.4303. *SYNCLERA BRAUREALIS*.*Zebironia (?) braurealis*, Walker, Cat. Lep. Het. B. M. xix, p. 971, (1859).*Synclera braurealis*, Moore, Lep. Ceyl. iii, p. 316, (1886).

Collection Swinhoe, Karachi.

Also recorded from Ceylon and Borneo.

4304. *SYNCLERA CÆSALIS*.*Glyphodes cæsalis*, Walker, Cat. Lep. Het. B. M. xvii, p. 409, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Synclera cæsalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

Lep. Ceyl. iii, p. 316, pl. 183, fig. 7, ♀, (1886).

Andaman Islands, Darjiling, Ceylon.

4305. *SINCLERA GASTRALIS*.

Glyphodes gastralis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1356, (1865).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 93.

Darjeeling.

4306. *SINCLERA MULTILINEALIS*.

Botys multilinealis, Guén., Delt. et Pyral, p. 337, No. 380, pl. 8, fig. 11, (1854).

————— Walker, Cat. Lep. Het. B. M. xviii, p. 661, (1859).

————— Leder., Wien. Ent. Monat. vii, p. 375, pl. 11, fig. 3, (1863).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 96, and 1877, p. 619.

Zebronia salomealis, Walker, loc. cit., xvii, p. 476, (1859) and xxxiv, p. 1348, (1865).

————— Swinhoe, Proc. Zool. Soc. 1885, p. 870.

Botys annuligeralis, Walker, loc. cit., xxxiv, p. 1424, (1865).

Notarcha multilinealis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 312.

Synclera multilinealis, Moore, Lep. Ceyl. iii, p. 315, (1886).

I. M., Sibsagar (Peal), Mergui (Anderson), Sikkim, Khasi Hills, Collection Swinhoe, Khasi Hills, Sikkim, Cawnpore, Poona, Bombay, Khandalla.

Also recorded from Ceylon and China.

4307. *SINCLERA TIBIALIS*.

Synclera tibialis, Moore, Descr. Ind. Lep. Atk., p. 216, (1887).

Darjiling.

Allied to *S. gastralis*.

4308. *SINCLERA TRADUCALIS*.

Eudiotis traducalis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl. p. 54, (1852). *

Synclera traducalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1367, (1865).

————— Leder, Wien. Ent. Monat. vii, p. 444, (1863).

————— Moore, Proc. Zool. Soc. Lond., 1867, p. 93.

————— Lep. Ceyl. iii, p. 316, pl. 182, fig. 9, ♀, (1886).

Spilomela retinalis, Leder., Wien. Ent. Monat. i, p. 100, (1857).

Glyphodes univocalis, Walker, loc. cit., xvii, p. 499, (1859).

————— Butler, Proc. Zool. Soc. Lond. 1881, p. 622.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525; and 1885, p. 872.

I. M., Sikkim.

Collection Swinhoe, Karachi, Bombay, Sikkim.

Also recorded from Syria and Africa.

Genus *Aripana*.4309. *ARIPANA ARIFERALIS*.

Conchylodes ariferalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 618.

Andaman Islands.

Allied to *A. luctiferalis*.

4310. *ARIPANA CABERALIS*.

Spilomela caberalis, Guén., Delt. et Pyral., p. 284, (1854).

Zebronia cabiralis (sic), Walker, Cat. Lep. Het. B. M. xvii, p. 482, (1859).

Conchylodes caberalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 443, (1863).

— Snellen, Tijd. Voor. Ent. xxvii, p. 44, (1884).

Aripana caberalis, Moore, Lep. Ceyl. iii, p. 312, (1886).

Zebronia abdicalis, Walker, loc. cit., xvii, p. 480, (1859).

— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.

Conchylodes abdicalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 443, pl. 17, fig. 12, (1863).

Collection Swinhoe, Bombay, Khandalla, Nilgiri Hills.

Also recorded from Ceylon, Celebes, Java, and China.

4311. *ARIPANA LACTIFERALIS*.

Zebronia (?) *lactiferalis*, Walker, Cat. Lep. Het. B. M. xvii, p. 480, 1859.

Aripana lactiferalis, Moore, Lep. Ceyl. iii, p. 313, (1886).

I. M., Kulu (Young), Ceylon (Colombo Museum).

Collection Swinhoe, Solun, Kulu, Rangoon.

4312. *ARIPANA MERITALIS*.

Zebronia (?) *meritalis*, Walker, Cat. Lep. Het. B. M. xvii, p. 479, (1859).

Conchylodes meritalis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 310.

Aripana meritalis, Moore, Lep. Ceyl. iii, p. 313, (1886).

Conchylodes baptalis, Snellen, Tijd. Voor. Ent. 1880, p. 238; and 1884, p. 44, pl. 4, fig. 7.

Ceylon and Celebes.

Genus *Pycnarmon*.4313. *PYCNARMON ABRAXALIS*.

Zebronia abraxalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1349, (1865).

Pycnarmon abraxalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91.

Darjiling.

4314. *PYCNARMON BISTRIGALIS*.

Zebronia bistrigalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1348, (1865).

Pycnarmon bistrigalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Darjiling.

4315. *PYCNARMON DISCEPTALIS*.

Zebronia discerptalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1348, (1865).

Pycnarmon discerptalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Darjiling.

4316. *PYCNARMON JAGUARALIS*.

Spilomela jaguaralis, Guén., Delt. et Pyral. p. 283, No. 290, (1854).

Zebronia jaguaralis, Walker, Cat. Lep. Het. B. M. xvii, p. 486, (1859).

Pycnarmon jaguaralis, Walker, loc. cit. xxxiv, p. 1368, (1865).

— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.

I. M., Sikkim (Barnes), Sibsagar (Peal).

Collection Swinhoe, Darjiling.

Also recorded from Malacca, Celebes, Mysore and New Guinea.

4317. *Pyenarmon virgatalis*.

Pyenarmon virgatalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92, pl. 7, fig. 9, *neo* fig. 10.

Bengal.

4318. *Pyenarmon-zebralis*.

Pyenarmon zebralis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91, pl. 7, fig. 12.

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus *Haritala*.4319. *Haritala auroralis*.

Haritala auroralis, Moore, Descr. Ind. Lep. Atk., p. 215, pl. 7, fig. 17, (1887).

Cherrapunji.

4320. *Haritala cassusalis*.

Zebronia cassusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 477, (1859).

Haritala cassusalis, Moore, Lep. Ceyl. iii, p. 311, (1886).

Notarcha cassusalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 311.

Zebronia aurolinealis, Walker, *loc. cit.* xvii, p. 478.

Butler, Proc. Zool. Soc. Lond. 1881, p. 622.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 870; and 1886, p. 458.

Pyenarmon aurolinealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 92.

Botys faustalis, Leder, Pyral. Wien. Ent. Monat. vii, p. 471, pl. 10, fig. 15, (1863).

I. M., Kulu (Young), Karachi (Swinhoe).

Collection Swinhoe, Khasi Hills, Campbellpur, Assirghar,

Karachi, Bombay, Khandalla, Nilgiri Hills.

Also recorded from Amboina.

4321. *Haritala discinotalis*.

Pyenarmon discinotalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 617.

Andaman Islands.

Allied to *P. plutusalis*.

4322. *Haritala graphicalis*.

Zebronia graphicalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 459.

Collection Swinhoe, Mhow.

Allied to *H. obrinusalis*.

4323. *Haritala* (?) *mineusalis*.

Zebronia (?) *mineusalis*, Walker, Cat. Lep. Het. B. M. xvii, p. 481, (1859).

India.

4324. *HARITALA OBRINUSALIS*.

Astura obrinusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 549, (1859).

Pycnarmon obrinusalis, Moore, Proc. Zool. Soc. Lond. 1877, p. 617.

Nicobar Islands, Punjab.

4325. *HARITALA PLUTUSALIS*.

Zebronia plutusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 478, (1859).

Moore, Proc. Zool. Soc. Lond. 1878, p. 849.

Pycnarmon plutusalis, Moore, Proc. Zool. Soc. Lond., 1867, p. 92.

I. M., Sibsagar, Kulu (Young), Mergui (Anderson).

Collection Swinhoe, Darjiling, Rangoon, Nilgiri Hills.

Also recorded from Upper Tenasserim.

4326. *HARITALA RECURRENS*.

Haritala recurrens, Moore, Descr., Ind. Lep. Atk., p. 215, pl. 7, fig. 11, (1887).

Darjiling.

4327. *HARITALA TIGRINA*.

Haritala tigrina, Moore, Lep. Ceyl. iii, p. 312, pl. 182, fig. 5, (1886).

Collection Swinhoe, Rangoon.

Also recorded from Ceylon.

Allied to *H. plutusalis*.

Genus *Chabula*.4328. *CHABULA ACAMASALIS*.

Zebronia (?) *acamasalis*, Walker, Cat. Lep. Het. B. M. xix, p. 970, (1859).

Chabula acamasalis, Moore, Lep. Ceyl. iii, p. 317, (1886).

Zebronia perspicualis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1347, (1865).

Lepyrodus perspicualis, Moore, Proc. Zool. Soc. Lond., 1867, p. 91.

Salbia (?) *perspicualis*, Butler, Proc. Zool. Soc. Lond. 1863, p. 167.

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 870.

Botys (?) *flerissimalis*, Walker, loc. cit. xxxiv, p. 1426, (1865).

Heterocnephos strangulalis, Snellen, Tijds. Voor Ent. 1880, p. 224; and 1884, p. 35, pl. 3, fig. 1.

I. M., Sibsagar.

Collection Swinhoe, Mhow, Poona, Rangoon.

Also recorded from Celebes and Java.

Genus *Nausinöe*.4329. *NAUSINÖE NEPTIS*.

Phalana (*Noctua*) *neptis*, Cram., Pap. Exot. iii, pl. 264, fig. F, (1779).

Phalangodes neptis, Leder, Pyral. Wien. Ent. Monat. vii, p. 445, (1863).

Nausinöe neptis, Moore, Lep. Ceyl. iii, p. 310, (1886).

Phalangiodes neptis (sic), Meyrick, Trans. Ent. Soc. Lond. 1884, p. 295.

Nausinöe neptalis, Hübn. Verz. Bek. Schm., p. 363, No. 3466, (1816).

Phalangiodes neptisalis, Guén., Delt. et Pyral., p. 279, No. 272, (1854).

NAUSINÖE NEPTIS—continued.

Phalangiodes neptalis, Walker, Cat. Lep. Het. B. M. xvii, p. 487, (1859).

Moore, Proc. Zool. Soc. Lond., 1877, p. 617.

Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 870.

Snellen, Tijds. Voor. Ent. 1884, p. 46.

I. M., Mergui (Anderson), Andaman Islands (purchased), Sib-sagar, Naga Hills.

Collection Swinhoe, Bombay, Poona, Rangoon.

Also recorded from Ceylon, Canada, Australia, Cayenne, Surinam, Brazil.

Genus *Pagyda*.4330. *PAGYDA SALVALIS*.

Pagyda salvalis, Walker, Cat. Lep. Het. B. M. xvii, p. 487, (1859).

Moore, Lep. Ceyl. iii, p. 314, pl. 182, fig. 6, (1886).

Collection Swinhoe, Khandalla.

Also recorded from Ceylon.

Genus *Cangetta*.4331. *CANGETTA RECTILINEA*.

Cangetta rectilinea, Moore, Lep. Ceyl. iii, p. 314, pl. 182, fig. 8, (1886).

Ceylon.

Genus *Massepha*.4332. *MASSEPHA ABSOLUTALIS*.

Massepha absolutalis, Walker, Cat. Lep. Het. B. M. xvii, p. 489, (1859).

Moore, Lep. Ceyl. iii, p. 307, (1886).

Ceylon.

FAMILY ENNYCHIDÆ.

Genus *Pachyzancla*.4333. *PACHYZANCLA BASALIS*.

Botys basalis, Walker, Cat. Lep. Het. B. M. xxiv, p. 1404, (1865).

Pachyzancla basalis, Moore, Lep. Ceyl. iii, p. 280, (1885).

Botys apertalis, Walk., loc. cit., xxiv, p. 1450, (1865).

Ceylon.

4334. *PACHYZANCLA MUTUALIS*.

Botys mutualis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handl., 1853, p. 40.*

Snellen, Tijds. Voor. Ent., 1883, p. 139.

Pachyzancla mutualis, Meyrick, Trans. Ent. Soc. Lond., 1884, p. 815.

Moore, Lep. Ceyl. iii, p. 279, pl. 178, fig. 15, ♀, (1885).

Botys stultalis, Walker, Cat. Lep. Het. B. M., xviii, p. 669, (1859).

Moore, Proc. Zool. Soc. Lond. 1877, p. 619.

Pyrausta stultalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867; and 1886, p. 457.

PACHYZANCLA MUTUALIS—continued.

Botys agrotalis, Snellen (*nec* Zeller), Tijd. Voor. Ent. 1872, p. 90, pl. 7, fig. 8.

————— Midd., Sumat. iv, 1, p. 63, (1881).

I. M., Bombay (Swinhoe), Kulu (Young).

Collection Swinhoe, Karachi, Mhow, Bombay, Poona, Calcutta, Rangoon, Andaman Islands.

Also recorded from Celebes and Sumatra.

Genus *Pyrausta*.

4335. PYRAUSTA CUPREALIS.

Pyrausta cuprealis, Moore, Ann. Mag. Nat. Hist. (5) 1, 1878, p. 235.

————— 2nd Yarkand Mission, Lep., 1879, p. 13, pl. 1, fig. 26.

Cashmere.

I. M., Kulu (Young), Sikkim (Dreyer).

4336. PYRAUSTA OSTRINALIS.

Pyralis ostrinalis, Hübn., Pyral., pl. 17, fig. 113. (1797).*

————— Haw., Lep. Brit., 389.*

Pyralis punicealis, Haw., Lep. Brit., 389.*

Pyralis purpuralis, (°) Hübn., Pyral., fig. 35, (1797).*

Pyrausta punicealis, Steph., Ill. Brit. Haust. 35, iv.*

Pyrausta ostrinalis, Dup., Lep. 226. pl. 224, fig. 8.*

————— Steph., Ill. Brit. Haust. iv, 36, 5.*

————— Herr. Schiff., Eur. Schm. iv, 22, 50, pl. 15, fig. 107, 108.*

————— Guén., Delt. et Pyral., p. 167, No. 81, (1854)

————— Walker, Cat. Lep. Het. B. M. xvii, 310, (1859).

————— Butler, Ann. Nat. Hist. (5) 9, p. 210, (1882).

————— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353.

Kaudahar, Europe.

4337. PYRAUSTA SILHETALIS.

Pyrausta silhetalis, Guén., Delt. et Pyral., p. 166, No. 78, (1854).

————— Walker, Cat. Lep. Het. B. M., xvii, p. 311, (1859).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.

————— Warren, Proc. Zool. Soc. Lond. 1888, p. 333.

Botys silhetalis, Leder., Wien. Ent. Monat. vii, p. 364, (1863).

Botys pangialis, Felder & R. Reise, Nov., pl. 134, fig. 25, (1864-75).

Sylhet, Campbellpur (Punjab), Pangl.

Genus *Pelecyntis*.

4338. PELECYNTIS ABSISTALIS.

Pyrausta absistalis, Walker, Cat. Lep. Het. B. M. xvii, p. 311, (1859).

Pelecyntis absistalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 316.

————— Moore, Lep. Ceyl. iii, p. 270, (1865).

Asopia lydiatis, Walker, loc. cit., xvii, p. 374, (1859).

Botys ustalis, Leder., Pyral. Wien. Ent. Monat. vii, pp. 376, 471, pl. x, fig. 14, (1863).

Hedylepta ustalis, Snellen, Tijd. Voor. Ent., 1884, p. 37.

Hedylepta pyraustalis, Snellen, Midd. Sumatra Lep., p. 71, (1880).

Collection Swinhoe, Ceylon, Rangoon, Andaman Islands.

Also recorded from India, Java, Sumatra, and Celebes.

4339. *PELECYNTHIS AMYNTUSALIS*.

Botys amyntusalis, Walker, Cat. Lep. Het. B. M. xviii, p. 662, (1859).

Moore, Proc. Zool. Soc. Lond. 1867, p. 96.

Zebronia amyntusalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 870.

Pelecynthis amyntusalis, Moore, Lep. Ceyl. iii, p. 270, pl. 178, fig. 12, ♂, (1885).

Asopia eritheisalis, Walker, loc. cit., xix, p. 939, (1859).

Botys semizebralis, Walker, loc. cit., xxxiv, p. 1407, (1865).

Collection Swinhoe, Bombay, Khandalla, Rangoon, Andaman Islands.

Also recorded from Darjiling and Ceylon.

4340. *PELECYNTHIS DISTORTA*.

Pelecynthis distorta, Moore, Lep. Ceyl. iii, p. 270, pl. 180, fig. 7, (1885).

I. M., Sikkim (purchased).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

Genus *Hedylepta*.4341. *HEDYLEPTA ABRUPTALIS*.

Asopia (?) abruptalis, Walker, Cat. Lep. Het. B. M. xvii, p. 371, (1859).

Botys abruptalis, Felder & R. Reise, Novara, pl. 135, fig. 10, (1874).

Meyrick, Trans. Ent. Soc. Lond. 1884, p. 323.

Hedylepta abruptalis, Moore, Lep. Ceyl. iii, p. 277, pl. 178, fig. 14, ♀, (1885).

Pyrausta abruptalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 867.

Asopia dotatalis, Walker, loc. cit., xxxiv, p. 1305, (1865).

I. M., Calcutta, Kulu (Young).

Collection Swinhoe, Bombay, Poona, Karachi, Khandalla, Solun,

Nilgiri Hills, Andaman Islands, Rangoon.

Also recorded from Ceylon.

4342. *HEDYLEPTA CONTUBERNALIS*.

Hedylepta contubernalis, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Parisnath, Bengal.

Allied to *H. abruptalis*.

4343. *HEDYLEPTA FALSIDICALIS*.

Asopia falsidicalis, Walker, Cat. Lep. Het. B. M. xvii, p. 370, (1859).

Hedylepta falsidicalis, Moore, Lep. Ceyl. iii, p. 277, (1885).

Botys jucundalis, Leder, Pyral. Wien. Ent. Moust. vii, p. 370, pl. 8, fig. 17, (1863).

Collection Swinhoe, Ceylon.

4344. *HEDYLEPTA GEMELLA*.

Hedylepta gemella, Moore, Descr. Ind. Lep. Atk., p. 208, (1887).

Calcutta.

4345. HEDYLEPTA ILLECTALIS.

Botys illectalis, Walker, Cat. Lep. Het. B. M. xviii, p. 658, (1859).

Hedylepta illectalis, Moore, Lep. Ceyl. iii, p. 277, (1885).

Ebutlea opheltesalis, Walker, loc. cit., xix, p. 1010, (1859).

India, Ceylon.

4346. HEDYLEPTA LATIMARGINALIS.

Asopia latimarginalis, Walker, Cat. Lep. Het. B. M. xvii, p. 370, (1859).

Swinhoe, Proc. Zool. Soc. Lond. 1855, p. 468.

Hedylepta latimarginalis, Moore, Lep. Ceyl. iii, p. 277, pl. 178, fig. 16, (1885).

Collection Swinhoe, Khasi Hills, Bombay, Khandalla, Ceylon, Nilgiri Hills, Calcutta.

4347. HEDYLEPTA (?) NIOBESALIS.

Asopia (?) niobesalis, Walker, Cat. Lep. Het. B. M. xix, p. 939, (1859).

Hedylepta (?) niobesalis, Moore, Lep. Ceyl. iii, p. 278, (1885).

Ceylon.

4348. HEDYLEPTA STRAMINEA.

Hedylepta straminea, Moore, Lep. Ceyl. iii, p. 278, pl. 180, fig. 5, (1885).

I. M., Calcutta, Ranchi (Irvine).

Collection Swinhoe, Bombay.

Also recorded from Ceylon.

4349. HEDYLEPTA VULGALIS.

Asopia vulgaris, Guén., Delt. et Pyral., p. 202, No. 150, pl. 6, fig. 8, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 364, (1859).

Hedylepta vulgaris, Leder, Pyral. Wien. Ent. Monat. vii, p. 409, (1863).

Walker, loc. cit., xxxiv, p. 1322, (1865).

Moore, Lep. Ceyl. iii, p. 276, (1885).

Botys mætiusalis, Walker, loc. cit., xviii, p. 703, (1859).

Botys reductalis, Walker, loc. cit., xxxiv, p. 1412, (1865).

Collection Swinhoe, Rangoon, Sikkim.

Also recorded from South America, West Indies, Africa, and Ceylon.

Genus *Syllythra*.

4350. SYLLYTHRA BICOLOR.

Syllythra bicolor, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).

Assam, Calcutta.

4351. SYLLYTHRA IMBUTALIS.

Rhodaria imbutalis, Walker, Cat. Lep. Het. B. M. xxiv, p. 1283, (1865).

Syllythra imbutalis, Moore, Lep. Ceyl. iii, p. 268, pl. 178, fig. 9, (1885).

I. M., Ceylon (Colombo Museum).

Genus *Rhodaria*.4352. *RHODARIA ARIDA*.

Rhodaria arida, Butler, Proc. Zool. Soc. Lond., 1881, p. 621.
Collection Swinhoe, Karachi.

4353. *RHODARIA CONCATENALIS*.

Rhodaria concatenalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1284,
(1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 90.

Darjiling.

4354. *RHODARIA JUNCTURALIS*.

Rhodaria juncturalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1283, (1865).
————— Swinhoe, Proc. Zool. Soc. Lond. 1880, p. 457.

Collection Swinhoe, Mhow, Karachi.

Genus *Cotachena*.4355. *COTACHENA HISTRICALIS*.

Botys histricalis, Walker, Cat. Lep. Het. B. M. xviii, p. 655, (1859).
Cotachena histricalis, Moore, Lep. Ceyl. iii, p. 276, (1885).

Ceylon, China.

Genus *Nacoleia*.4356. *NACOLEIA CONTINGENS*.

Nacoleia contingens, Moore, Lep. Ceyl. iii, p. 273, pl. 179, fig. 8, ♂, (1885)
Ceylon.

4357. *NACOLEIA COSTISIGNALIS*.

Nacoleia costisignalis, Moore, Lep. Ceyl. iii, p. 273, (1885).
Ceylon.

4358. *NACOLEIA PRÆTERITALIS*.

Asopia (?) præteritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 372, (1859).
Nacoleia præteritalis, Moore, Lep. Ceyl. iii, p. 273, (1885).
Ceylon.

4359. *NACOLEIA TIASALIS*.

Botys tiasalis, Walker, Cat. Lep. Het. B. M. xix, p. 904, (1859).
Nacoleia tiasalis, Moore, Lep. Ceyl. iii, p. 274, (1885).
Ceylon.

Genus *Gadessa*.

4360. *GADESSA ALBIFRONS*.

Gadessa albifrons, Moore, Lep. Ceyl. iii, p. 279, pl. 180, fig. 6, (1885).
Ceylon.

Genus *Porphyritis*.

4361. *PORPHYRITIS SIKKIMA*.

Porphyritis sikkima, Moore, Descr. Ind. Lep. Atk., p. 207, (1887).
Daijiling.

FAMILY HERCYNIDÆ.

Genus *Aporodes*.

4362. *APORODES MELEAGRISALIS*.

Herbula meleagrisalis, Walker, Cat. Lep. Het. B. M. xvii, p. 324, (1859).
Butler, Ann. Nat. Hist. (5) 9, p. 211, (1882).
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 453.
Aporodes meleagrisalis, Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
Proc. Zool. Soc. Lond. 1886, p. 383.
Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524,
Trans. Ent. Soc. Lond. 1885, p. 354.

Collection Swinhoe, Kandahar, Quetta, Karachi, Hyderabad
(Sind).

Also recorded from the Punjab.

Genus *Herbula*.

4363. *HERBULA CESPITALIS*.

Pyralis cespitalis, Denis, Wien. Verz. 123, 32, (1775).
Brahm, Ins. 280.*
Schr., Faun. Boic. 1725.*
Hubn., Pyral. pl. 6, fig. 39.*
Haw., Lep. Brit. 390.*
Phalana cespitalis, Fabr., Mant. Ins. ii, p. 222, No. 314, (1787).
Ent. Syst. iii, 2, p. 238, No. 410, (1794).
Botys cespitalis, Herr Schaff., Eur. Schm. iv, 23, 53.*
Herbula cespitalis, Guén., Delt. et Pyral., p. 176, No. 98, (1854).
Walker, Cat. Lep. Het. B. M. xvii, p. 321, (1859).
Butler, Ann. Nat. Hist. (5) ix, p. 210, (1882).
Warren, Proc. Zool. Soc. Lond. 1888, p. 334.
Phalana (Pyralis) cespitalis, Gmel., ed. Syst. Nat. i, 5, 2525, 951.*
Tortrix zonana, Schaff., Icon., pl. 262, fig. 4, 5, (1779).
Tinea vestianella, Clerck, Icon., pl. 11, fig. 11.
Pyralis sordidalis, Hübn., Pyral., pl. 7, fig. 40.*
Haw., Lep. Brit. 391.*
Pyrausta sordidalis, Steph., Ill. Brit. Haust. iv, 34, 2.*
Pyrausta cespitalis, Treit., Schm. vii, 173.*
Dup., Lep. 232, pl. 225, fig. 3.*
Steph., Ill. Brit. Haust. iv, 34, 1.*
Var. *Pyrausta intermediaris*, Dup., Lep. 350, pl. 234, figs. 1, 2.*

Collection Swinhoe, Kandahar.

Also recorded from Europe and the Punjab.

Genus *Æschremon*.4364. *ÆSCHREMON DISPARALIS*.*Æschremon disparalis*, Herr. Schaff., Schm. Eur. vi, p. 140, figs. 134 & 135.**_____* Walker, Cat. Lep. Het. B. M. xxxiv, p. 1290, (1865).*_____* Butler, Ann. Nat. Hist. (5), 9, p. 211, 1882.*_____* Swinhoe, Trans. Ent. Soc. Lond., 1885, p. 353

Kandahar, Europe.

FAMILY STENIIDÆ.

Genus *Nистра*.4365. *NISTRA CÆLATALIS*.*Nистра cælatalis*, Walker, Cat. xvii, p. 488, (1859).*_____* Moore, Lep. Ceyl iii, p. 295, pl. 182, fig. 10, (1885).

Ceylon.

4366. *NISTRA (?) MOLUSALIS*.*Botys molusalis*, Walker, Cat. Lep. Het. B. M. xix, p. 993, (1859).*_____* Forsayeth, Trans. Ent. Soc. Lond., 1884, p. 417, (larva).*_____* Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 460.*Nистра (?) molusali*, Moore, Lep. Ceyl. iii, p. 296, (1885).

Collection Swinhoe, Mhow.

Also recorded from Ceylon.

Genus *Spanista*.4367. *SPANISTA ORNATALIS*.*Asopia ornatalis*, Dup., Lep. Fr. viii, p. 207, pl. 223, fig. 8, (1831).**Nymphula ornatalis*, Herr. Schaff., Eur. Schm. iv, 10, 6, pl. 8, figs. 52 and 53.**Stenia ornatalis*, Guén., Delt. et Pyral., p. 247, (1854).**Spanista ornatalis*, Leder., Pyral. Wien. Ent. Monat vii, p. 446, (1863).*_____* Snellen, Tijds. Voor Ent. 1872, p. 96.*_____* Moore, Lep. Ceyl. iii, p. 297, pl. 181, fig. 10, ♂, (1885).*Botys saturalis*, Treit., Eur. Schm. Suppl. 2, p. 29.**Cataclysta (?) elutalis*, Walker, Cat. Lep. Het. B. M. xvii, p. 448, (1859).*Pyralis elutalis*, Walker, loc. cit., xix, p. 912, (1859).*Stenia elutalis*, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 875.*Pyralis (?) deciusalis*, Walker, loc. cit., xix, p. 905, (1859).

Collection Swinhoe, Karachi, Poona, Bombay, Alibagh, Ceylon, Nilgiri Hills.

Also recorded from Celebes.

Genus *Diasemia*.4368. *DIASEMIA IMPULSALIS*.

Isopteryx (?) impulsalis, Walker, Cat. Lep. Het. B. M. xvii, p. 404, (1859).

Diasemia impulsalis, Moore, Lep. Ceyl. iii, p. 297, (1886).

Ceylon.

4369. *DIASEMIA RAMBURIALIS*.

Hydrocampa ramburialis, Dup., Lep. Fr. viii, pt. 2, p. 343, pl. 233, fig. 6, (1831).*

————— Cat. Meth. Lep. Eur., p. 202, (1844).*

Botys ramburialis, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl., (1852), p. 30.*

————— Her Schaff., Eur. Schm. iv, p. 26, 28.

Diasemia ramburialis, Guén., Delt. et Pyral., p. 234, (1854).

————— Snellen, Tijds. Voor Ent., 1884, p. 38.

————— Meyrick, Trans. Ent. Soc. Lond. 1884, p. 302.

————— Moore, Lep. Ceyl. iii, p. 296, pl. 179, fig. 5, (1886).

Isopteryx melaleucalis, Walker, Cat. Lep. Het. B. M. xvii, p. 402, (1859).

Diasemia reconditalis, Walker, loc. cit., xxxiv, p. 1325, (1866).

Diasemia leucophœalis, Walker, loc. cit., xxxiv, p. 1326, (1866).

Ceylon and Australia.

Genus *Lepyrodes*.4370. *LEPYRODES GEOMETRALIS*.

Lepyrodes geometralis, Guén., Delt. et Pyral., p. 278, No. 271, pl. 8, fig. 6, (1854).

————— Walker, Cat. Lep. Het. B. M. xvii, p. 465, (1859).

————— Snellen, Tijds. Voor Ent., 1884, p. 45.

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.

————— Lep. Ceyl. iii, p. 308, (1886).

Diasemia (?) geometralis, Butler, Proc. Zool. Soc. Lond., 1881, p. 622.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885, p. 875; and 1886, p. 460.

Collection Swinhoe, Karachi, Assirghar, Bombay, Poona, Calcutta, Rangoon, Nilgiri Hills.

Also recorded from Ceylon and Java.

4371. *LEPYRODES LEPIDALIS*.

Lepyrodes (?) lepidalis, Walker, Cat. Lep. Het. B. M. xvii, p. 465, (1859).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 91.

Ceylon, Bengal.

Genus *Pessocoosma*.4372. *PESSOCOOSMA PERITALIS*.

Lepyrodes peritalis, Walker, Cat. Lep. Het. B. M. xvii, p. 466, (1859).

Pessocoosma peritalis, Moore, Lep. Ceyl. iii, p. 306, (1886).

Ceylon.

FAMILY SICULIDÆ.

Genus *Rhodoneura*.4373. *RHODONEURA DENTICULOSA*.

Rhodoneura denticulosa, Moore, Lep. Ceyl. iii, p. 267, (1885).

Ceylon.

Allied to *R. marmorealis*.

4374. *RHODONEURA MARMOREALIS*.

Rhodoneura marmorealis, Moore, Proc. Zool. Soc. Lond. 1877, p. 617.

Andaman Islands.

4375. *RHODONEURA NÆVINA*.

Rhodoneura nævina, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).

Darjiling.

4376. *RHODONEURA RETICULALIS*.

Rhodoneura reticulalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616.

Andaman Islands.

4377. *RHODONEURA TETRAONALIS*.

Rhodoneura tetraonalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 617, pl. 60,
fig. 10.

Collection Swinhoe, Rangoon.

Also recorded from Andaman Islands.

Allied to *R. puralis* and *R. bastialis*, Walker.

Genus *Pharambara*.4378. *PHARAMBARA ALTERNATA*.

Pharambara alternata, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).

Darjiling.

4379. *PHARAMBARA EMBLICALIS*.

Pharambara emblicalis, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta.

4380. *PHARAMBARA HAMIFERA*.

Pharambara hamifera, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta, Assam.

4381. *PHARAMBARA INTIMALIS*.

Pharambara intimalis, Moore, Descr. Ind. Lep. Atk., p. 213, (1887).

Calcutta.

4382. PHARAMBARA RETICULATA.

Pharambara reticulata, Moore, Descr. Ind. Lep. Atk., p. 212, (1887).
Darjiling.

Genus *Microsca*.

4383. MICROSCA FASCIATA.

Microsca fasciata, Moore, Descr. Ind. Lep. Atk., p. 213, pl. 7, fig. 22,
(1887).
Darjiling.

4384. MICROSCA LOBULATA.

Microsca lobulata, Moore, Descr. Ind. Lep. Atk., p. 214, pl. 7, fig. 12,
(1887).
Darjiling.

4385. MICROSCA STRIATALIS.

Microsca striatalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 875.
Collection Swinhoe, Bombay, Nilgiri Hills.

4386. MICROSCA TRIMERONALIS.

Pyralis (?) trimeronalis, Walker, Cat. Lep. Het. B. M. xix, p. 916, (1859).
Microsca trimeronalis, Moore, Lep. Ceyl. iii, p. 268, (1885).
Ceylon.

Genus *Morova*.

4387. MOROVA ANGULALIS.

Morova angulalis, Moore, Descr. Ind. Lep. Atk., p. 214, (1887).
Rangoon.

Genus *Camadena*.

4388. CAMADENA VESPERTILIONIS.

Camadena vespertilionis, Moore, Descr. Ind. Lep. Atk. p. 214, pl. 7, fig.
13, (1887).
Darjiling.

FAMILY HYDROCAMPIDÆ.

Genus *Cymoriza*.

4389. CYMORIZA ACCLARALIS.

Isopteryx acclaralis, Walker, Cat. Lep. Het. B. M. xvii, p. 403, (1859).
Cymoriza acclaralis, Moore, Lep. Ceyl. iii, p. 303, (1885).
Ceylon.

4390. *CYMORIZA INEXTRICATA*.

Cymoriza inextricata, Moore, Descr. Ind. Lep. Atk., p. 210, pl. 7, fig. 7.
(1887).

Khasi Hills.

4391. *CYMORIZA IRRRECTALIS*.

Cymoriza irrectalis, Guén., Delt. et Pyral., p. 272, No. 262, (1854).
Walker, Cat. Lep. Het. B. M. xvii, p. 455, (1859).

India.

4392. *CYMORIZA LINEALIS*.

Cymoriza linealis, Moore, Descr. Ind. Lep. Atk., p. 210, (1887).

Assam, Calcutta.

4393. *CYMORIZA MARGINALIS*.

Cymoriza marginalis, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).

Darjiling.

4394. *CYMORIZA PORITIALIS*.

Oligostigma poritialis, Walker, Cat. Lep. Het. B. M. xix, p. 951, (1859).

Cymoriza poritialis, Moore, Lep. Ceyl. iii, p. 303, pl. 179, fig. 11, (1883).

Collection Swinhoe, Nilgiri Hills.

Also recorded from Ceylon.

4395. *CYMORIZA RIVULARIS*.

Cymoriza rivularis, Moore, Descr. Ind. Lep. Atk., p. 210, pl. 7, fig. 8,
(1887).

Darjiling.

Genus *Paraponyx*.4396. *PARAPONYX AFFINIALIS*.

Paraponyx affinialis, Guén., Delt. et Pyral., p. 270, No. 259, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 454, (1859).

Butler, Proc. Zool. Soc. Lond. 1883, p. 167.

Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524; 1885,
p. 868; and 1886, p. 458.

Collection Swinhoe, Sikkim, Karachi, Mhow, Poona, Bombay.

4397. *PARAPONYX CRISONALIS*.

Hydrocampa crisonalis, Walker, Cat. Lep. Het. B. M. xix, p. 961, (1859).

Paraponyx crisonalis, Moore, Lep. Ceyl. iii, p. 302, (1883).

Ceylon.

4398. *PARAPONYX GANGETICALIS*.

Paraponyx gangeticalis, Leder., Wien. Ent. Monat. vii, 485, pl. 16, fig. 5,
(1863).

Walker, Cat. Lep. Het. B. M. xxxiv, p. 1339,
(1865).

India.

4399. *PARAPONYX LINEALIS*.

Paraponyx linealis, Guén., Delt. et Fyral., p. 271, No. 260, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 454, (1859).

Moore, Lep. Ceyl. iii, p. 302, (1885).

Oligostigma obstitialis, Walker, loc. cit., xvii, p. 432, (1859).

Collection Swinhoe, Ceylon.

Also recorded from India and Australia.

4400. *PARAPONYX ORYZALIS*.

Paraponyx oryzalis, Wood-Mason, Rice Pest of Burma, Calcutta, 1885,
with plate.

Burma.

4401. *PARAPONYX VAGALIS*.

Oligostigma vagalis, Walker, Cat. Lep. Het. B. B. xxiv, p. 1530, (1865).

Paraponyx vagalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 334.

Punjab, Java.

4402. *PARAPONYX VOTALIS*.

Oligostigma votalis, Walker, Cat. Lep. Het. B. M. xvii, p. 433, (1859).

Paraponyx votalis, Moore, Lep. Ceyl. iii, p. 302, (1885).

Collection Swinhoe, Ceylon, Nilgiri Hills, Rangoon.

Genus *Niaccaba*.4403. *NIACCABA BISECTALIS*.

Cataclysta (?) bisectalis, Walker, Cat. Lep. Het. B. M. xvii, p. 449, (1859).

Paraponyx (?) bisectalis, Walker, loc. cit., xix, p. 954, (1859).

Niaccaba bisectalis, Moore, Lep. Ceyl. iii, p. 304, pl. 179, fig. 12, (1885).

Ceylon.

4404. *NIACCABA DELETA*.

Niaccaba deleta, Moore, Lep. Ceyl. iii, p. 304, pl. 179, fig. 13, (1885).

Ceylon.

4405. *NIACCABA SUMPTUALIS*.

Niaccaba sumptualis, Walker, Cat. Lep. Het. B. M., xxiv, p. 1272, (1865).

Moore, Lep. Ceyl. iii, p. 303, (1885).

Ceylon.

Genus *Oligostigma*.4406. *OLIGOSTIGMA BILINEALIS*.

Oligostigma bilinealis, Snellen, Tijds. Ent. xix, 1876, p. 196, pl. 8, fig.
la-c.

Punjab.

4407. OLIGOSTIGMA COLONIALIS.

- Oligostigma colonialis, Guén., Delt. et Pyral, p. 262, No. 248, (1854).
 Walker, Cat. Lep. Het. B. M., xvii, p. 431, (1859).
 Snellen, Tijd. Ent. xix, 1876, p. 198, pl. 8, figs. 3a—d.
 Bombay.

4408. OLIGOSTIGMA CRASSICORNALIS.

- Oligostigma crassicornalis, Guén., Delt. et Pyral, p. 261, No. 246, (1854).
 Walker, Cat. Lep. Het. B. M., xvii, p. 433, (1859).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Hydrocampa crassicornalis, Leder., Wien. Ent. Monat. vii, p. 451, (1863).
Oligostigma tripunctalis, Walker, loc. cit. xxxiv, p. 1531, (1885).
 Bengal and Java.

4409. OLIGOSTIGMA GIBBOSALIS.

- Oligostigma gibbosalis, Guén., Delt. et Pyral, p. 262, No. 249, (1854).
 Walker, Cat. Lep. Het. B. M., xvii, p. 431, (1859).
 Snellen, Tijd. Ent. xix, 1876, p. 207, pl. 9, figs. 12a—d.
 India, Celebes, Java.

4410. OLIGOSTIGMA HAMALIS.

- Oligostigma hamalis, Snellen, Tijd. Ent. xix, 1876, p. 199, pl. 8, figs. 4a—c.
 Punjab.

4411. OLIGOSTIGMA INCOMMODA.

- Oligostigma incommoda, Butler, Proc. Zool. Soc. Lond., 1881, p. 180.
 Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 524.
 Karachi, Socotra.

4412. OLIGOSTIGMA PARVALIS.

- Oligostigma parvalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616.
 Andaman Islands.

4413. OLIGOSTIGMA SEJUNCTALIS.

- Oligostigma sejunctalis, Snellen, Tijd. Ent. xix, 1876, p. 207, pl. 9, figs. 11a—c.
 Punjab.

Genus Talanga.

4414. TALANGA SEXPUNCTALIS.

- Oligostigma sexpunctalis, Moore, Proc. Zool. Soc. Lond., 1877, p. 616, pl. 60, fig. 12.
Glyphodes lomaspilalis, Snellen, Tijd. Voor. Ent., 1880, p. 223.
Cataclysta nympa, Butler, Proc. Zool. Soc. Lond., 1880, p. 683, ♂.
Talanga sexpunctata (sic), Moore, Lep. Ceyl. iii, p. 301, pl. 181, fig. 13, (1885).
 Andaman Islands, Ceylon, and Celebes.

Genus *Cataclysta*.4415. *CATACLYSTA ANGULATA*.

Cataclysta angulata, Moore, Lep. Ceyl. iii, p. 300, pl. 181, fig. 12, (1885).
Ceylon.

4416. *CATACLYSTA BLANDIALIS*.

Cataclysta blandialis, Walker, Cat. Lep. Het. B. M. xvii, p. 448, (1859).
————— Moore, Lep. Ceyl. iii, p. 299, pl. 179, fig. 15, (1885).
Ceylon.

4417. *CATACLYSTA BOMBAYENSIS*.

Cataclysta dilucidalis, Walker (nec Boisdual), Cat. Lep. Het. B. M. xvii,
p. 446, (1859).
————— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 868.
Collection Swinhoe, Bombay.
Allied to *C. dilucidalis* from Java.

4418. *CATACLYSTA CUNEIFERA*.

Cataclysta cuneifera, Moore, Lep. Ceyl. iii, p. 300, pl. 179, fig. 14, (1885).
Collection Swinhoe, Ceylon, Nilgiri Hills.

4419. *CATACLYSTA DELICATA*.

Cataclysta delicata, Moore, Lep. Ceyl. iii, p. 556, pl. 215, fig. 5, ♂, (1887).
Ceylon.

4420. *CATACLYSTA DOMINALIS*.

Cataclysta dominalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1337, (1865).
South India.

4421. *CATACLYSTA HALIALIS*.

Cataclysta halialis, Walker, Cat. Lep. Het. B. M. xvii, p. 447.
————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 868.
Collection Swinhoe, Poona, Khandalla.

4422. *CATACLYSTA MAGNIFICALIS*.

Pyralis magnificalis, Hübn., Pyral., pl. 16, fig. 104.*
Cataclysta magnificalis, Hübn., Verz. bek. Schm. p. 363, No. 3496, (1816).
————— Guén., Delt. et Pyral 267, 268, (1854).
————— Walker, Cat. Lep. Het. B. M. xvii, p. 446, (1859).
Nymphula magnificalis, Treit, Schm. vii, 140, 9.*
India.

4423. *CATACLYSTA OCHRIPICTA*.

Cataclysta ochripicta, Moore, Descr. Ind. Lep. Atk., p. 209, (1887).
Collection Swinhoe, Kirkee (Poona).
Also recorded from Cherrapunji.

4424. *CATACLYSTA ORNATA*.

Cataclysta ornata, Moore, Lep. Ceyl. iii, p. 299, pl. 181, fig. 11, (1895).
Ceylon.

4425. *CATACLYSTA PATNALIS*.

Cataclysta patnalis, Felder & R. Reise, Novara, pl. 136, fig. 7, ♂, (1874).
Calcutta, Amboina.

4426. *CATACLYSTA PERIBOCALIS*.

Cataclysta peribocalis, Walker, Cat. Lep. Het. B. M. xvii, p. 446, (1859).
Collection Swinhoe, Sikkim, Solun, Nilgiri Hills.

Genus *Herdonia*.4427. *HERDONIA OSACESALIS*.

Herdonia osacesalis, Walker, Cat. Lep. Het. B. M. xix p. 964, (1859).

 Felder & R. Reise, Novara, pl. 134, fig. 4, (1874).

 Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
 Sylhet.

Genus *Hydrocampa*.4428. *HYDROCAMPA BENGALENSIS*.

Hydrocampa bengalensis, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).
Calcutta.

4429. *HYDROCAMPA PICALIS*.

Hydrocampa picalis, Guén., Delt. et Pyral., p. 274, No. 264, (1854).

 Walker, Cat. Lep. Het. B. M. xvii, p. 461, (1859).
 India.

4430. *HYDROCAMPA PULCHRALIS*.

Hydrocampa pulchralis, Moore, Proc. Zool. Soc. Lond. 1867, p. 90.
Collection Swinhoe, Darjiling.

4431. *HYDROCAMPA SCITALIS*.

Hydrocampa scitalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 869.
Collection Swinhoe, Bombay.

4432. *HYDROCAMPA TENERA*.

Hydrocampa tenera, Butler, Proc. Zool. Soc. Lond., 1883, p. 167.

 Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 524, and
 1885, p. 869.
 Collection Swinhoe, Karachi, Poona.
 Allied to *H. rivularis*.

Genus *Isopteryx*.4433. *ISOPTERYX ENIXALIS*.

Isopteryx enixalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 869.

Collection Swinhoe, Bombay.

4434. *ISOPTERYX FÆDALIS*.

Isopteryx fædalis, Guén., Delt. et Pyral., p. 228, No. 195, pl. 4, fig. 7, ♀, (1854).

————— Snellen, Tijd. Voor. Ent. 1872, p. 96; and 1884, p. 47.

————— Walker, Cat. Lep. Het. B. M. xvii, p. 402, (1859).

————— Moore, Lep. Ceyl. iii, 306, (1886)

Isopteryx spilomelalis, Walker, loc. cit. xvii, p. 403, (1859).

India, Ceylon.

4435. *ISOPTERYX TRISIGNATA*.

Isopteryx trisignata, Moore, Lep. Ceyl. iii, p. 306, (1886).

Ceylon.

Genus *Eurrhyarodes*.4436. *EURRHYPARODES ABNEGATALIS*.

Isopteryx (?) *abnegatalis*, Walker, Cat. Lep. Het. B. M. xvii, p. 404, (1859).

Botys abnegatalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 376, pl. 11, fig. 17, (1863).

Eurrhyarodes abnegatalis, Moore, Lep. Ceyl. iii, p. 295, pl. 179, fig. 7, (1885).

Botys bracteolalis, Zeller, Lep. Microp. Caffr. Kongl. Vet. Akad. Handl., 1852, p. 30*.

Molybdantha bracteolalis, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 309.

Collection Swinhoe, Ceylon, Calcutta.

Also recorded from Australia.

4437. *EURRHYPARODES ACCESSALIS*.

Isopteryx accessalis, Walker, Cat. Lep. Het. B. M. xvii., p. 405, (1859).

Eurrhyarodes accessalis, Moore, Lep. Ceyl. iii, p. 294, pl. 179, fig. 6, (1885).

Eurrhyarodes stibialis, Snellen, Tijd. Voor. Ent. 1880, p. 216, and 1883, p. 134, pl. 8, fig. 3, ♀.

Ceylon, Java, Celebes, and Japan.

Genus *Pramades*.4438. *PRAMADEA DENTICULATA*.

Pramadesa denticulata, Moore, Descr. Ind. Lep. Atk., p. 211, (1887).

Khasi Hills.

FAMILY PYRALIDÆ.

Genus *Pyralis*.4439. *PYRALIS AGACIUSALIS*.

Pyralis acaciusalis, Walker, Cat. Lep. Het. B. M. xix, p. 901, (1859).
India.

4440. *PYRALIS ANGULIFASCIA*.

Pyralis angulifascia, Moore, Descr. Ind. Lep. Atk., p. 206, (1887)
Darjiling.

4441. *PYRALIS ASSAMICA*.

Pyralis assamica, Moore, Descr. Ind. Lep. Atk., p. 205, pl. 7, fig. 5, (1887).
Assam.

4442. *PYRALIS BASTIALIS*.

Pyralis bastialis, Walker, Cat. Lep. Het. B. M. xix, p. 902, (1859)
India.

4443. *PYRALIS BRACTIATELLA*.

Myelois bractiatella, Walker, Cat. Lep. Het. B. M., xxvii, p. 36, (1863).
Pyralis bractiatella, Moore, Lep. Ceyl iii, p. 262, pl. 178, fig. 5, 2,
(1885).
————— Warren, Proc. Zool. Soc. Lond. 1888, p. 332.
I. M., Ceylon (Colombo Museum).
Also recorded from the Punjab.

4444. *PYRALIS ELACHIA*.

Pyralis elachia, Butler, Ill. Typ. Lep. Het. B. M., iii, p. 70, pl. 58, fig. 3,
(1879).
————— Proc. Zool. Soc. Lond. 1883, p. 166, and 1886, p.
383.
I. M., Ceylon (Colombo Museum), Kulu (Young).
Collection Swinhoe, Solun, Campbellpur.
Also recorded from Japan.

4445. *PYRALIS ELONGALIS*.

Pyralis elongalis, Koll., Hug. Kuschm., p. 493, (1848).
Pyralis mensalis, Guén., Delt. et Pyral., p. 120, No. 8, (1854).
————— Walker, Cat. Lep. Het. B. M. xvii, p. 287, (1859).
Mussoorie.

4446. PYRALIS FARINALIS.

Phalana (Pyrallis) farinalis, Linn., Syst. Nat. ii, 880, 327, (1767).

— Faun. Suec., 1348.*

— Clerck, Icon., pl. 2, fig. 14.

— Scop., Ent. Carn., 240, 608.*

— Wien., Verz. 123, 33.*

— Gmel., ed. Syst. Nat. i, 5, 2519, 327.*

— Turt., Syst. Nat. iii, 273.*

Phalæna farinalis, Fabr., Sp. Ins. ii, p. 270, No. 169, (1781).

— Mant. Ins. ii, p. 216, No. 261, (1787).

— Ent. Syst. iii, 2, p. 219, No. 336, (1794).

— Brahm., Ins. 521.*

— Schr., Faun. Boic. ii, 68, 1730.*

Phalæna pyralis, Fuessl., Schm. Ins. 41, 808.*

Hypopygia farinalis, Hubn., Verz. Bek. Schm. p. 348, No. 3335, (1816).

Asopia farinalis, Treit., Schm. vii, 147, 1.*

— Zeller, Stett. Ent. Zeit. iv, p. 140, (1843).

— Herr, Schaff. Eur. Schm. iv, 121, 5.

Var Asopia lienigialis, Herr Schöff., Eur. Schm. iv, 121, fig. 49.*

Pyrallis farinalis, Hubn., Pyral., pl. 16, fig. 95.*

— Brahm., Ins. ii, 1, 151, 380.*

— Panz., Faun. Germ. X, 21.*

— Illig., N. Auss. ii, 26, p. 33.*

— Mull., Faun. Frid., 54, 478.*

— Zool. Dan. 132, 1530.*

— Dup., Lep. 193, pl. 223, fig. 1.*

— Steph., Ill. Brit. Haust. iv, 25, 1.*

— Luc., Ex il. Alg. 149.*

— Guén., Delt. et Pyral., p. 119, No. 6, (1854).

— Walker, Cat. Lep. Het. B. M., xvii, p. 262, (1859).

— Butler, Ann. Nat. Hist. (5) ix, p. 210, (1882).

— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 353.

Collection Swinhoe, Kandahar.

Also recorded from Europe.

4447. PYRALIS GERONTESALIS.

Pyrallis gerontesalis, Walker, Cat. Lep. Het. B. M., xix, p. 896, (1859).

— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, and
1885, p. 864.

— Moore, Lep. Ceyl. iii, p. 263, pl. 178, fig. 6, ♀, (1885).

Sacatia laudatella, Walker, loc. cit., xxvii, p. 124, ♂, (1863).

Pyrallis desportalis, Walker, loc. cit., xxxiv, p. 1243, (1865).

Pyrallis (?) miseralis, Walker, loc. cit., xxxiv, p. 1244, (1865).

Collection Swinhoe, Darjiling, Karachi, Bombay, Poona.

Also recorded from Ceylon.

4448. PYRALIS IBYOUSALIS.

Pyrallis ibyousalis, Walker, Cat. Lep. Het. B. M., xix, p. 899, (1859).

India.

4449. PYRALIS (?) IDALIALIS.

Pyrallis (?) idalialis, Walker, Cat. Lep. Het. B. M., xix, p. 903, (1859).

Borneo, Ceylon.

4450. *PYRALIS IMBECILIS*.

Pyralis imbecilis, Moore, Lep. Ceyl. iii, p. 264, (1885).

Ceylon.

Allied to *P. glaucinalis* (Linn.) of Europe.

4451. *PYRALIS INCONGRUA*.

Pyralis incongrua, Butler, Proc. Zool. Soc. Lond. 1886, p. 383, pl. 35,
fig. 5.

Kala Pani (Punjab).¹

Allied to *P. glaucinalis*, *P. yokohamæ* and *P. nannodes*.

4452. *PYRALIS JANUSALIS*.

Pyralis janusalis, Walker, Cat. Lep. Het. B. M. xix, p. 904, (1859).
Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4453. *PYRALIS LOCEUSALIS*.

Pyralis locusalis, Walker, Cat. Lep. Het. B. M. xix, p. 903, (1859).
India.

4454. *PYRALIS LUCILLALIS*.

Pyralis lucillalis, Walker, Cat. Lep. Het. B. M. xvii, p. 268, (1859).
Moore, Proc. Zool. Soc. Lond. 1867, p. 89.
Butler, Proc. Zool. Soc. Lond. 1883, p. 167.
Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 864, and 1886,
p. 457.

I. M., Poona (Swinhoe), Kulu (Young).

Collection Swinhoe, Solun, Mhow, Poona, Rangoon.

4455. *PYRALIS PALESALIS*.

Pyralis palesalis, Walker, Cat. Lep. Het. B. M. xvii, p. 269, (1859).
Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4456. *PYRALIS PALLIVITTATA*.

Pyralis pallivittata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).
Collection Swinhoe, Kulu,

4457. *PYRALIS PHYCIDALIS*.

Pyralis phycidalis, Guén., Delt. et Pyral., p. 171, No. 10, (1854).
Walker, Cat. Lep. Het. B. M. xvii, p. 268, (1859).
India.

4458. *PYRALIS PICTALIS*.*Asopia pictalis*, Cütt., Brit. Ent. xi, pl. 527.⁶⁷

Herr Schäft., Eur. Schm. iv, 123, 15.*

Pyralis pictalis, Steph. Ill. Brit. Haust. iv, 395.*

Guén., Delt. et Pyral., p. 120, No. 9, (1854).

Walker, Cat. Lep. Het. B. M., xvii, p. 297, (1859).

India, Europe.

4459. *PYRALIS PLATYMITRIS*.*Pyralis platymitris*, Butler, Proc. Zool. Soc. Lond. 1883, p. 168.

I. M., Kulu (Young).

Collection Swinhoe, Solun.

4460. *PYRALIS PROXIMALIS*.*Pyralis proximalis*, Walker, Trans. Ent. Soc. Lond., 3rd ser. i., p. 120,
(1862—64).

Walker, Cat. Lep. Het. B. M., xxiv, p. 1225, (1865).

India.

4461. *PYRALIS QUISQUALIS*.*Pyralis quisqualis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865¹, pl. 57,
fig. 11.

Poona.

4462. *PYRALIS RAVOLALIS*.*Pyralis ravolalis*, Walker, Cat. Lep. Het. B. M., xix, p. 898, (1859).

Moore, Lep. Ceyl. iii, p. 263, (1885).

Ceylon.

4463. *PYRALIS RECISALIS*.*Pyralis recisalis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866.

Collection Swinhoe, Satara, Poona.

4464. *PYRALIS ROBOREALIS*.*Pyralis roborealis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57,
fig. 1.

Collection Swinhoe, Nilgiri Hills, Rangoon.

Also recorded from Bombay.

4465. *PYRALIS RUBICUNDALIS*.*Pyralis rubicundalis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Karachi.

4466. *Pyralis suffusalis*.*Pyralis suffusalis*, Walker, Cat. Lep. Het. B. M. xxxiv. p. 1235, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 89.

————— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 864.

Collection Swinhoe, Poona, Tatta (Sind), Rangoon.

Also recorded in Calcutta.

Closely allied to *P. Pelargalis*.4467. *Pyralis tenebrosalis*.*Pyralis tenebrosalis*, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1235, (1865).

————— Swinhoe, Proc. Zool. Soc. 1885, p. 864.

Collection Swinhoe, Poona.

4468. *Pyralis trifascialis*.*Pyralis trifascialis*, Moore, Proc. Zool. Soc. Lond. 1877, p. 614, pl. 60, fig.

Andaman Islands.

4469. *Pyralis* (?) *trilatalis*.*Pyralis* (?) *trilatalis*, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1237, (1865).

North India

4470. *Pyralis uberalis*.*Pyralis uberalis*, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 10; and 1886, p. 457.

Collection Swinhoe, Mhow, Karachi.

4471. *Pyralis xylinalis*.*Pyralis xylinalis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 17.

Collection Swinhoe, Poona.

4472. *Pyralis zizanialis*.*Pyralis zizanialis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 865, pl. 57, fig. 2.

————— Warren, Proc. Zool. Soc. Lond. 1888, p. 332.

Collection Swinhoe, Bombay, Travancore.

Also recorded from the Punjab.

Genus *Stericta*.4473. *Stericta divitalis*.*Glossina divitalis*, Guén., Delt. et Pyral., p. 124, No. 20, pl. 7, fig. 4, ♀, (1854).

————— Walker, Cat. Lep. Het. B. M. xvii, p. 273, (1859).

Stericta divitalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 340, (1863).

————— Moore, Lep. Ceyl. iii, p. 258, (1885).

Locastra phereciusalis, Walker, loc. cit. xvi, p. 159, ♂, (1859).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 86.

Sylhet, Ceylon, Borneo.

4474. STERICTA VITIALIS.

Pyralis vitialis, Walker, Cat. Lep. Het. B. M. xix, p. 897, ♀, (1859).

Pyralis helvialis, Walker, *loc. cit.*, xix, p. 915, ♂, (1859).

Stericta helvialis, Moore, Lep. Ceyl. iii, p. 258, pl. 178, fig. 1 ♀, 1a larva, (1885).

Ceylon.

Genus *Locastra*.

4175. LOCASTRA CUPROVIRIDALIS.

Locastra cuproviridalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 87.

Darjiling.

4476. LOCASTRA LATIVITTA.

Locastra lativitta, Moore, Descr. Ind. Lep. Atk., p. 199, pl. 7, fig. 1, (1887).

Darjiling.

Allied to *L. cuproviridalis*.

4477. LOCASTRA RUDIS.

Locastra rudis, Walker, Trans. Ent. Soc. Lond., 3rd ser. i, p. 115, (1862—64).

————— Cat. Lep. Het. B. M., xxxiv, p. 1167, (1865).

India.

Genus *Pannucha*.

4478. PANNUCHA ÆNESCENS.

Pannucha ænescens, Moore, Descr. Ind. Lep. Atk., p. 200, (1887).

Darjiling.

4479. PANNUCHA BASALIS.

Pannucha basalis, Moore, Descr. Ind. Lep. Atk., p. 200, pl. 7, fig. 2, (1887).

Darjiling.

Genus *Teliphasa*.

4480. TELIPHASA NUBILOSA.

Teliphasa nubilosa, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).

Darjiling.

4481. TELIPHASA ORBICULIFERA.

Teliphasa orbiculifera, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).

Darjiling.

Genus *Taurica*.

4482. TAURICA SIKKIMA.

Taurica sikkima, Moore, Descr. Ind. Lep. Atk., p. 202, (1887).

Darjiling.

Genus **Scopocera**.4483. **SCOPOCERA MINOR.**

Scopocera minor, Moore, Descr. Ind. Lep. Atk., p. 203, (1887).
Darjiling.

4484. **SCOPOCERA PYRALIATA.**

Scopocera pyraliata, Moore, Descr. Ind. Lep. Atk., p. 202, (1887).
Darjiling.

4485. **SCOPOCERA SINUOSA.**

Scopocera sinuosa, Moore, Descr. Ind. Lep. Atk., p. 203, pl. 7, fig. 3, (1887).
Darjiling.

4486. **SCOPOCERA VARIEGATA.**

Scopocera variegata, Moore, Descr. Ind. Lep. Atk., p. 203, pl. 7, fig. 4,
(1887).
Darjiling.

Genus **Sarama**.4487. **SARAMA ATKINSONII.**

Sarama atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 204, (1887).
Darjiling.

Genus **Orthaga**.4488. **ORTHAGA EUADRUSALIS.**

Orthaga euadrusalis, Walker, Cat. Lep. Het. B. M., xxxiv, p. 1174, (1865).
Moore, Lep. Ceyl. iii, p. 259, pl. 178, figs. 2, 2a, ♂,
♀, 2b larva, (1885).

Borneo, India, Ceylon.

4489. **ORTHAGA JUCUNDALIS.**

Bleptina (?) *jucundalis*, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1164, ♂,
(1865).
Orthaga jucundalis, Moore, Lep. Ceyl. iii, p. 260, (1885).
Ceylon.

4490. **ORTHAGA OBSCURA.**

Orthaga obscura, Moore, Descr. Ind. Lep. Atk., p. 201, (1887).
Darjiling.

Genus **Banepa**.4491. **BANEPA ATKINSONII.**

Banepa atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 204, (1887).
Darjiling.

'Genus *Rodaba*.4492. *RODABA ANGULIPENNIS*.

Rodaba angulipennis, Moore, Descr. Ind. Lep. Atk., p. 205, (1887).
Darjiling.

Genus *Doththa*.4493. *DOTHTHA MESENTERIALIS*.

Doththa mesenterialis, Walker, Cat. Lep. Het. B. M. xvii, p. 285, ♂,
(1859), and xix, p. 920, (1859).
————— Moore, Lep. Ceyl. iii, p. 265, pl. 178, fig. 8, (1885).
Ceylon, Borneo.
Allied to *D. suffusalis*.

4494. *DOTHTHA SIMILATA*.

Doththa similata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).
Collection Swinhoe, Sikkim.
Allied to *D. suffusalis*.

4495. *DOTHTHA SUFFUSALIS*.

Endotricha suffusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 390, (1859).
Doththa suffusalis, Moore, Lep. Ceyl. iii, p. 266, (1885).
Ceylon.

Genus *Endotricha*.4496. *ENDOTRICH A DECESSALIS*.

Endotricha decessalis, Walker, Cat. Lep. Het. B. M. xvii, p. 390, (1859).
————— Moore, Lep. Ceyl. iii, p. 265, (1885).
Pyralis decessalis, Walker, loc. cit., xxiv, p. 1234, (1865).
Ceylon.

4497. *ENDOTRICH A LORICATA*.

Endotricha loricata, Moore, Descr. Ind. Lep. Atk., p. 206, (1887).
Calcutta.

Genus *Letchena*.4498. *LETCHENA ELARALIS*.

Pyralis elaralis, Walker, Cat. Lep. Het. B. M. xix, p. 901, (1859).
Letchena elaralis, Moore, Lep. Ceyl. iii, p. 257, (1885).
Ceylon.

4499. *LETCHENA THYRALIS*.

Pyralis (?) *thyrallis*, Walker, Cat. Lep. Het. B. M. xxiv, p. 1234, (1865).
Letchena thyrallis, Moore, Lep. Ceyl. iii, p. 257, pl. 178, fig. 10, (1885).
Ceylon.

Genus *Aglossa*.4500. *AGLOSSA ARGENTALIS*.

Aglossa argentalis, Moore, Proc. Zool. Soc. Lond. 1867, p. 89.

Collection Swinhoe, Khasi Hills, Darjiling, Kurseiyong.

4501. *AGLOSSA DIMIDIALIS*.

Aglossa dimidialis, Guén., Delt. et Pyral., p. 128, No. 25, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 277, (1859).

Crambus dimidiatus, Haw., Lep. Brit. 372.*

Aglossa dimidiatus, Steph., Ill. Brit. Haust. iv, 24.*

India.

4502. *AGLOSSA GNIDUSALIS*.

Aglossa gnidusalis, Walker, Cat. Lep. Het. B. M. xvii, p. 278, (1859).

Moore, Lep. Ceyl. iii, p. 266, (1885).

Ceylon.

4503. *AGLOSSA PINGUINALIS*.

Phalæna (Pyralis) pinguinalis, Linn., Faun. Suec., 1350.*

Syst. Nat. ii, p. 882, No. 336, (1767).

Gmel., ed. Syst. Nat. i, 5, 2523, 336.*

Stew., El. ii, 181.*

Turt. Syst. iii, 279.*

Phalæna pinguinalis, Fabr., Sp. Ins. ii, p. 278, No. 194, (1781).

Mant. Ins. ii, p. 220, No. 292, (1787).

Ent. Syst. iii, 2, p. 230, No. 377, (1794).

Brahm., Ins. ii, 1, 111, 60, 388, 267.*

Schr., Faun. ii, 59, 1705.*

Pyralis pinguinalis, Wien, Verz., 120, 13.*

Hüb., Pyral., pl. 4, fig. 24.*

Mull., Faun. Frid. 54, 479.*

Zool. Dan. 133, 1637.*

Illig., N. Auss. ii, 10, 13.*

Fuessl., Schr. Ins., 42, 815.*

Lang., Verz. ii, 209, 1421.*

Crambus pinguinatus, Haw., Lep. Brit., 371.*

Euclita pinguinalis, Hüb., Verz. Bek. Schm., p. 347, No. 3316, (1816).

Aglossa pinguinalis, Latr., Hist. Nat. xiv, 229.*

Treit., Schm. vii, 39, 2.*

Dup., Lep. 63, pl. 213, fig. 6.*

Steph., Ill. Brit. Haust. iv, 23, (1854).*

Herr. Schöff., Eur. Schm. iv, 119, 1.*

Guén., Delt. et Pyral., p. 127, No. 23, (1854).

Walker, Cat. Lep. Het. B. M. xvii, p. 274, (1859).

Butler, Ann. Nat. Hist. (5), ix, p. 310, (1882).

Swinhoe, Trans. Ent. Soc. Lond., 1885, p. 353.

Butler, Proc. Zool. Soc. Lond. 1886, p. 382.

Collection Swinhoe, Quetta, Kandahar.

Also recorded from Murree and Europe.

Genus *Cænodomus*.4504. *CÆNODOMUS HOCKINGII*.

Cænodomus hockingii, Walsingham, Trans. Zool. Soc. Lond., 1887, p. 50,
pl. 5.

I. M., Vizagapatam (Museum Collector), Calcutta (Blechynden),
Ilazaribagh (Frizoni).

Collection Swinhoe, Solun.

Also recorded from Punjab, Kangra Valley.

Genus *Stemmatophora*.4505. *STEMMATOPHORA CASTANOPTERA*.

Stemmatophora castanoptera, Moore, Lep. Ceyl. iii, p. 260, pl. 178, fig. 7,
♂, (1885).

Collection Swinhoe, Ceylon.

4506. *STEMMATOPHORA INGRATA*.

Stemmatophora ingrata, Butler, Proc. Zool. Soc. Lond., 1881, p. 621.

Karachi.

4507. *STEMMATOPHORA* (?) *PULVERULENTA*.

Stemmatophora (?) *pulverulenta*, Warren, Proc. Zool. Soc. Lond. 1888, p.
33d.

Campbellpur (Punjab).

4508. *STEMMATOPHORA RUDIS*.

Stemmatophora rudis, Moore, Descr. Ind. Lep. Atk., p. 205, (1887).

Darjiling.

4509. *STEMMATOPHORA VIBICALIS*.

Stemmatophora vibicalis, Leder., Pyral. Wien. Ent. Monat. vii, p. 338, 457,
pl. 7, fig. 4, ♀, (1863).

————— Walker, Cat. Lep. Het. B. M. xxxiv, p. 1251,
(1865).

————— Moore, Lep. Ceyl. iii, p. 260, (1885).

I. M., Ceylon (Colombo Museum), ? Kulu (Young).

4510. *STEMMATOPHORA VULSALIS*.

Botys (?) *vulsalis*, Walker, Cat. Lep. Het. B. M. xviii, p. 671, ♀, (1859).

Stemmatophora vulsalis, Moore, Lep. Ceyl. iii, p. 260, (1885).

Ceylon.

Genus *Herculia*.4511. *HERCULIA BILINEATA*.

Herculia bilineata, Moore, Lep. Ceyl. iii, p. 555, pl. 215, fig. 11, (1887).

Ceylon.

4512. *HERCULIA BRACTEALIS*.

Herculia bractealis, Walker, Cat. Lep. Het. B. M. xix, p. 808, ♀, (1859).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 89,
 ———— Lep. Ceyl. iii, p. 261, (1885).

Collection Swinhoe, India.
 Also recorded from Ceylon.

4513. *HERCULIA IGNIFLUALIS*.

Pyralis igniflualis, Walker, Cat. Lep. Het. B. M. xvii, p. 238, (1859).
Herculia igniflualis, Moore, Lep. Ceyl. iii, p. 261, (1885).
 Ceylon.

Genus *VITESSA*.4514. *VITESSA FORMOSA*.

Vitessa formosa, Felder & R. Reise, Novara, pl. 137, fig. 1, ♂, (1874).
 India.

4515. *VITESSA RAMA*.

Vitessa rama, Moore, Lep. Ceyl. iii, p. 256, pl. 178, fig. 4, ♂, (1885).
 Collection Swinhoe, Ceylon.

4516. *VITESSA SURADEVA*.

Vitessa suradeva, Moore, Cat. Lep. Mus. E. I. C. ii, p. 299, pl. 7a, fig. 7,
 (1858).
 ———— Walker, Cat. Lep. Het. B. M. xxxi, p. 219, (1864).
 I. M., Andaman Islands, Naga Hills, Sikkim (purchased), Mer-
 gui (Anderson).
 Collection Swinhoe, Sylhet, Travancore, Anamalli Hills, Andaman
 Islands.

Genus *TYSPANA*.4517. *TYSPANA VITESSOIDES*.

Tyspana vitessoides, Moore, Lep. Ceyl. iii, p. 256, pl. 178, figs. 3, 8a, larva,
 (1885).
 I. M., Sibesar (Peal), Sikkim (purchased).
 Collection Swinhoe, Ceylon.

Genus *HELLULA*.4518. *HELLULA UNDALIS*.

Phalena undalis, Fabr., Ent. Syst. iii, 2, p. 226, No. 362, (1794).
Pyralis undalis, Hübn., Pyral. 19, 7, pl. 14, fig. 93, (1797).^{*}
Nymphula undalis, Treit., Sch. vii, p. 128, 1.^{*}
 ———— Dup., Lep. viii, p. 160, pl. 221, fig. 1.^{*}
 ———— Herr. Schaff., Eur. Schmett. iv, p. 10, 1, pl. 8, fig. 54.^{*}
Hellula undalis, Guén., Delt. et Pyral., p. 416, No. 538, (1854).
 ———— Walker, Cat. Lep. Het. B. M., xix, p. 813, (1859).
 ———— Moore, Lep. Ceyl. iii, p. 355, (1886).
Oebia undulalis, Hübn., Verz. Schmett., p. 362, No. 3464, (1816).

HELLULA UNDALIS—*continued*.

Scopariaalconalis, Walker, *loc. cit.*, xix, p. 827, (1859).

Scopariaoptatusalis, Walker, *loc. cit.*, xix, p. 1018, (1859).

I. M., Karachi (Swinhoe).

Collection Swinhoe, Karachi.

Also recorded from Ceylon and Europe.

Genus **Hypotia**.4519. **HYPOTIA ALLALIS**.

Hypotiaallalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 462, pl. 41, fig. 2.

Collection Swinhoe, Mhow.

4520. **HYPOTIA RUBELLA**.

Hypotiarubella, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 9.

Collection Swinhoe, Karachi, Hyderabad, Lindi (Sind).

4521. **HYPOTIA VAFERA**.

Hypotiavafera, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523, pl. 48, fig. 8.

Collection Swinhoe, Karachi, Hyderabad (Sind).

4522. **HYPOTIA VULGARIS**.

Hypotia vulgaris, Butler, Proc. Zool. Soc. Lond. 1881, p. 621.

~~Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 523.~~

I. M., Karachi (Swinhoe).

Collection Swinhoe, Karachi, Hubb river, Tatta (Sind).

Genus **Agastia**.4523. **AGASTIA FLAVOMACULATA**.

Agastiaflavomaculata, Moore, Proc. Zool. Soc. Lond. 1881, p. 379.

Darjiling.

Allied to *A. hyblæoides*.

4524. **AGASTIA HYBLÆOIDES**.

Agastiahyblæoides, Moore, Proc. Zool. Soc. Lond. 1881, p. 379.

I. M., Sikkim (purchased).

Collection Swinhoe, Darjiling.

Genus **Bostra**.4525. **BOSTRA ILLUSELLA**.

Bostræillusella, Walker, Cat. Lep. Het. B. M. xxvii, p. 123, (1863).

~~Moore, Lep. Ceyl. iii, p. 264, (1885).~~

Ceylon.

Genus *Heliothela*.4526. *HELIOTHELA OPHIDERESANA*.

- Orosoma ophideresana*, Walker, Cat. Lep. Het. B. M. xxviii, p. 459, (1863).
Nyctarcha ophideres, Meyrick, Trans. Ent. Soc. Lond. 1884, p. 346.
Heliothela ophideresana, Moore, Lep. Ceyl. iii, p. 269, (1885).
 Ceylon.

Genus *Arrade*.4527. *ARRADE EREBUSALIS*.

- Arrade erebusalis*, Walker, Cat. Lep. Het. B. M. xxvii, p. 82, (1865).
 Moore, Lep. Ceyl. iii, p. 373, (1886).
 Ceylon.

4528. *ARRADE MASSALIS*.

- Arrade massalis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866, pl. 57, fig. 10.
 Collection Swinhoe, Bombay.

Genus *Cledeobia*.4529. *CLEDEOBIA HYPOTIALIS*.

- Cledeobia hypotialis*, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 866, and
 1886, p. 457.
 Collection Swinhoe, Campbellpur, Mhow, Poona.

FAMILY SCOPARIDÆ.

Genus *Nomophila*.4530. *NOMOPHILA NOCTUELLA*.

- Tinea noctuella*, Schiff Wien, Verz. 136, 35, (1776).
 Illig, N. Ausg. Dess. ii, 92, 35.*
Nomophila noctuella, Leder., Pyral. Wien. Ent. Monat. vii, p. 379, (1863).
 Meyrick, Trans. Ent. Soc. Lond. 1884, p. 306.
 Moore, Lep. Ceyl. iii, p. 356, (1886).
Pyralis hybridalis, Hubn., Pyral. 29, 20, pl. 17, fig. 114, (1797).*
 Haw., Lep. Brit. 386.*
Nomophila hybridalis, Hübn., Verz. Bek. Schmett., p. 368, No. 3536, (1816).
 Steph., Ill. Brit. Ent. Haust. iv, p. 3121.*
Botys hybridalis, Treit., Schm. vii, 109, 21.*
 Dup., Lep. viii, 153, pl. 220, fig. 3.*
Stenopteryx hybridalis, Herr. Sch., Eur. Sch., iv, 42, 137.*
 Guén., Delt. et Pyral., p. 414, No. 537, (1854).
 Walker, Cat. Lep. Het. B. M. xix, p. 812, (1859).
 Butler, Proc. Zool. Soc. Lond. 1881, p. 622, and
 1886, p. 384.
 Butler, Ann. Nat. Hist. (5), ix, p. 211, (1882).
 Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 525;
 1885, p. 876.
 Trans. Ent. Soc. Lond. 1885, p. 354.

Collection Swinhoe, Kandahar, Quetta, Karachi, Sikkim,
 Umballa, Nilgiri Hills, Mhow.

Genus *Scotomera*.4531. *SCOTOMERA TRISTIS*.

Scotomera tristis, Butler, Proc. Zool. Soc. Lond. 1881, p. 623.
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 526.
 Collection Swinhoe, Karachi, Hubb river.

Genus *Scoparia*.4532. *SCOPARIA CONGESTALIS*.

Scoparia congestalis, Walker, Cat. Lep. Het. B. M. xix, p. 826, (1859).
 ——— Moore, Lep. Ceyl. iii, p. 354, (1886).
 Ceylon.

4533. *SCOPARIA DELICATALIS*.

Scoparia delicatalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1600, (1865).
 South India.

4534. *SCOPARIA ICTERICALIS*.

Scoparia ictericalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876, pl. 57,
 fig. 16.
 Collection Swinhoe, Poona.

4535. *SCOPARIA MURIFICALIS*.

Scoparia murificalis, Walker, Cat. Lep. Het. B. M. xix, p. 826, (1859).
 ——— Moore, Lep. Ceyl. iii, p. 355, (1886).
 Ceylon.

Genus *Dosara*.4536. *DOSARA CÆLATALIS*.

Dosara cælatalis, Walker, Cat. Lep. Het. B. M. xix, p. 829, (1859).
 ——— Butler, Proc. Zool. Soc. Lond., 1886, p. 384.
 ——— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876.
 ——— Moore, Lep. Ceyl. iii, p. 351, (1886).
 Collection Swinhoe, Karachi, Poona.
 Also recorded from the Punjab and Ceylon.

4537. *DOSARA LAPSA LIS*.

Dosara lapsalis, Walker, Cat. Lep. Het. B. M. xix, p. 829, (1859).
 ——— Moore, Lep. Ceyl. iii, p. 351, (1886).
 Ceylon.

Genus *Parbattia*.4538. *PARBATTIA VIALIS*.

Parbattia vialis, Moore, Descr. Ind. Lep. Atk., p. 225, pl. 7, fig. 30, (1887).
 Darjiling.

FAMILY PTEROPHORIDÆ.

Genus *Amblyptilia*.4539. *AMBLYPTILIA ARGYRIODACTYLA*.

Platyptilus argyriodactylus, Walker, Cat. Lep. Het. B. M., xxx, p. 929,
(1864).

Amblyptilia argyriodactyla, Moore, Lep. Ceyl. iii, p. 527, pl. 209, fig. 13,
(1887).

Ceylon.

4540. *AMBLYPTILIA TAPROBANES*.

Amblyptilia taprobanes, Felder & R. Reise, Novara Lep. v, pl. 140, fig. 54,
♂, (1875).

————— Moore, Lep. Ceyl. iii, p. 327, (1887).

Ceylon.

Genus *Platyptilia*.4541. *PLATYPTILIA EXALTATA*.

Pterophorus (Platyptilus) exaltatus, Zeller, Stett. Ent. Zeit. xxviii, p. 411,
1867.

Collection Swinhoe, Simla.

Also recorded from Sikkim.

Genus *Oxyptilus*.4542. *OXYPTILUS ANISODACTYLUS*.

Oxyptilus anisodactylus, Walker, Cat. Lep. Het. B. M. xxx, p. 934, (1861).
————— Moore, Lep. Ceyl. iii, p. 528, (1887).

Ceylon.

Genus *Pterophorus*.4543. *PTEROPHORUS ATOMOSUS*.

Acipitilia atomosa, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 885.

Collection Swinhoe, Bombay.

4544. *PTEROPHORUS BAPTODACTYLUS*.

Pterophorus baptodactylus, Zeller, Stettin, Ent. Zeit. 1860, p. 211.

————— Linn. Ent. vi, p. 401. *

————— Mann, Wien. Zool. Bot. Zeit! v, 1855, 8, p. 572.

————— Wien. Ent. Monat. Schrift., 1857, p. 189.

————— Zeller, Stett. Ent. Zeit. 1867, p. 414.

Europe; also Sikkim.

4545. *PTEROPHORUS CONGRUALIS*.

Pterophorus congrualis, Walker, Cat. Lep. Het. B. M. xxx, p. 943, (1864).

Ceylon.

4546. *PTEROPHORUS ISCHNODACTYLUS*.*Aciptilus ischnodactylus*, Treit., Lep. Eur. x, 3, 332.**Walker*, Cat. Lep. Het. B. M. xxx, p. 947, (1864).*Pterophorus congrualis*, Swinhoe (nec Walker), Proc. Zool. Soc. Lond., 1884, p. 526.

Collection Swinhoe, Karachi.

Also recorded from Europe.

4547. *PTEROPHORUS LACTEIPENNIS*.*Aciptilus lacteipennis*, Walker, Cat. Lep. Het. B. M. xxx, p. 949, (1864).

India.

4548. *PTEROPHORUS LEUCADACTYLUS*.*Aciptilus leucadactylus*, Walker, Cat. Lep. Het. B. M. xxx, p. 949, (1864).*Pterophorus leucadactylus*, Moore, Lep. Ceyl. iii, p. 528, pl. 209, fig. 15, (1887).

Ceylon.

4549. *PTEROPHORUS OXYDACTYLUS*.*Pterophorus oxydactylus*, Walker, Cat. Lep. Het. B. M. xxx, p. 944, (1864).*Aciptila oxydactyla*, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 885.*Pterophorus oxydactylus*, Moore, Lep. Ceyl. iii, p. 528, pl. 209, fig. 16, (1887).

Collection Swinhoe, Poona, Bombay.

Also recorded from Ceylon.

Genus *Eucnemidophorus*.4550. *EUCNEMIDOPHORUS ALTICOLA*.*Cnemidophorus* (nom. preoc.) *alticola*, Felder & R. Reise, Novara Lep., pl. 140, fig. 59, (1864-75).

Himalayas.

Genus *Ædematophorus*.4551. *ÆDEMATOPHORUS FORCIPATUS*.*Pterophorus* (*Ædematophorus* ?) *forcipatus*, Zeller, Stett. Ent. xxviii, 1867, p. 412, pl. 2, fig. 7.

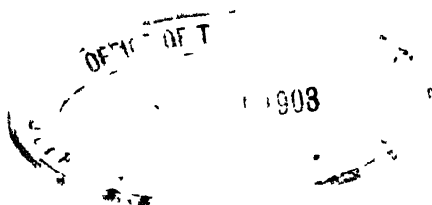
Sikkim.

Genus *Leioptilus*.4552. *LEIOPTILUS SERINDIBANUS*.*Leioptilus serindibanus*, Moore, Lep. Ceyl. iii, p. 527, pl. 209, fig. 14, (1887).

Ceylon.

Genus *Alucita*.4553. *ALUCITA SIKKIMA*.

Alucita sikkima, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
Darjiling.



A
CATALOGUE
OF
THE MOTHS OF INDIA,

COMPILED BY
COLONEL C. SWINHOE, F.L.S., F.Z.S., &c.,
AND
E. C. COTES,
FIRST ASSISTANT TO THE SUPERINTENDENT, INDIAN MUSEUM.

Part VI.—CRAMBITES, TORTRICES,
and ADDENDA.



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TRIBE CRAMBITES.

FAMILY PHYCITIDÆ.

Sub-Family PHYCITINÆ.

Genus *Ceroprepes*.

4554. *CEROPREPES PATRICIELLA*.

Ceroprepes patriciella, Zeller, Stett. Ent. Zeit. 1867, p. 402, pl. 2, fig. 4.
India.

4555. *CEROPREPES PULVILLELLA*.

Nephopteryx pulvillella, Zeller, Stett. Ent. Zeit. 1867, p. 394, pl. 2, fig. 3.
India.

Genus *Cryptoblabes*.

4556. *CRYPTOBLABES ANGUSTIPENNELLA*.

Cryptoblabes angustipennella, Ragonot, Nouv. Gen. et Espèces de Phyo et
Gall, Paris, (April 1888), p. 6.
India.

4557. *CRYPTOBLABES PALLICOSTALIS*.

Nephopteryx pallicostalis, Walker, Cat. Lep. Het. B.M. xxvii, p. 63, (1863).
South India.

Genus *Aurana*.

4558. *AURANA ACTIOSELLA*.

Aurana actiosella, Walker, Cat. Lep. Het. B.M. xxvii, p. 122, (1863).

Moore, Lep. Ceyl. iii, p. 360, (1886).

Nephopteryx lentalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57,
fig. 18.

Collection Swinhoe, Bombay, Karachi.

Also recorded from Ceylon.

Genus *Myelois*.

4559. *MYELOIS* (?) *BASIFUSCALIS*.

Myelois (?) *basifuscalis*, Walker, Cat. Lep. Het. B.M. xxvii, p. 38, (1863).

Moore, Lep. Ceyl. iii, p. 366, (1886).

Ceylon.

4560. MYELOIS (?) CARNEA.

Myelois (?) carnea, Warren, Proc. Zool. Soc. Lond. 1886, p. 336.
Campbellpur (Punjab).

4561. MYELOIS (?) MARSYUSALIS.

Myelois (?) marsyusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 37, (1863).
Moore, Lep. Ceyl. iii, p. 369, (1886).
Ceylon.

Genus *Rhodophæa*.

4562. RHODOPHÆA HERINGII.

Rhodophæa heringii, Rag., Annal. Soc. Ent. France, 1888, p. 282.
Ceylon.

Genus *Acrobasis*.

4563. ACROBASIS LIGERALIS.

Myelois ligeralis, Walker, Cat. Lep. Het. B. M. xxvii, p. 37, (1863).
Acrobasis ligeralis, Moore, Lep. Ceyl. iii, p. 359, (1886).
Ceylon.

4564. ACROBASIS NIGRESCENS.

Acrobasis nigrescens, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.
Kala Pani (Punjab).

Genus *Hypargyria*.

4565. HYPARGYRIA METALLIFERELLA.

Hypargyria metalliferella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 9.
Acra, Bathurst, Punjab.

Genus *Hypsipyla*.

4566. HYPSPYLA PAGODELLA.

Hypsipyla pagodella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 10.
Punjab.

Genus *Phycita*.

4567. PHYCITA CLIENTELLA.

Nephopteryx clientella, Zeller, Stett. Ent. Zeit. 1867, p. 396.
Calcutta.

Genus **Ankova**.4568. **ANKOVA MERIDIONALIS.**

Nephopteryx meridionalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 64,
(1863).
India.

Genus **Candiope**.4569. **CANDIOPE JOANNISELLA.**

Candiope joannisella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall,
Paris, (April 1888), p. 14.
South India.

Genus **Canthelia**.4570. **CANTHELIA ÆGNUSALIS.**

Pyralis ægnusalis, Walker, Cat. Lep. Het. B. M. xix, p. 905, (1859).
Canthelia ægnusalis, Moore, Lep. Ceyl. iii, p. 362, (1886).
Homæosoma gratella, Walker, loc. cit. xxvii, p. 26, (1863).
————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 877, and
1886, p. 461.
Canthelia gratella, Walker, loc. cit. xxv, p. 1727, (1866).
Collection Swinhoe, Mhow, Poona, Bombay.
Also recorded from Ceylon.

4571. **CANTHELIA LATERITIALIS.**

Eurhodope lateritialis, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).
Canthelia lateritialis, Moore, Lep. Ceyl. iii, p. 362, (1886).
Nephopteryx concolurella, Walker loc. cit. xxv, p. 1721, (1866).
Ceylon.

4572. **CANTHELIA LUCIDA.**

Canthelia lucida, Warren, Proc. Zool. Soc. Lond. 1888, p. 336.
Campbellpur (Punjab).
Allied to *C. ægnusalis*.

Genus **Nephopteryx**.4573. **NEPHOPTERYX (?) ÆOLUSALIS.**

Nephopteryx (?) æolusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66,
(1863).
————— Moore, Lep. Ceyl. iii, p. 364, (1886).
Ceylon.

4574. **NEPHOPTERYX (?) ARGIADESALIS.**

Nephopteryx (?) argiadesalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66,
(1863).
————— Moore, Lep. Ceyl. iii, p. 364, (1886).
Ceylon.

4575. *NEPHOPTERYX CREPERALIS*.

Nephopteryx creperalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877, pl. 57, fig. 20.

Collection Swinhoe, Poona, Karachi.

4576 *NEPHOPTERYX* (?) *CYLLUSALIS*.

Nephopteryx (?) *cyllusalis*, Walker, Cat. Lep. Het. B. M. xxvii, p. 65, (1863).
 ———— Moore, Lep. Ceyl. iii, p. 364, (1886).

Ceylon.

4577. *NEPHOPTERYX* (?) *ETOLUSALIS*.

Nephopteryx (?) *etolusalis*, Walker, Cat. Lep. Het. B. M. xxvii, p. 64, (1863).
 ———— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

4578. *NEPHOPTERYX EUGRAPHELLA*.

Nephopteryx eugraphella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 15.

India.

4579. *NEPHOPTERYX* (?) *HARPAXALIS*.

Nephopteryx (?) *harpaxalis*, Walker, Cat. Lep. Het. B. M. xxvii, p. 65, (1863).
 ———— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

4580. *NEPHOPTERYX INCONSPICUELLA*.

Nephopteryx inconspicueLLa, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 17.

Dharmasala.

4581. *NEPHOPTERYX LAXALIS*.

Nephopteryx laxalis, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877.
 Collection Swinhoe, Poona, Bombay.

4582. *NEPHOPTERYX RHYPARELLA*.

Nephopteryx rhyparella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 15.

Punjab.

4583. *NEPHOPTERYX SIGNELLA*

Nephopteryx signella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris (April 1888), p. 15.

Afghanistan.

4584. *NEPHOPTERYX SUFFUSCALIS*.

Nephopteryx suffuscalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 460.
 Collection Swinhoe, Mhow, Poona, Bombay.

4585. NEMPHOPTERYX PHYCISELLA.

Nemphopteryx phycisella, Walker, Cat. Lep. Het. B. M. xxx, p. 957,
(1864).

————— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

Genus *Salebria*.

4586. SALEBRIA CAUTELLA.

Pempelia cautella, Walker, Cat. Lep. Het. B. M. xxvii, p. 73, (1863).

————— Moore, Lep. Ceyl. iii, p. 369, (1886).

Ceylon.

4587. SALEBRIA ILELLA.

Pempelia ilella, Swinhoe, Proc. Zool. Soc. Lond. 1835, p. 539, pl. 48, fig. 6.

Collection Swinhoe, Karachi, Hyderabad (Sind).

Allied to *P. cautella*.

4588. SALEBRIA SEMIRUBELLA.

Phalana semirubella, Scopoli, Ent. Carn. 245, (1763).*

Phalana (Tinea) carnella, Linn., Syst. Nat. i, p. 887, (1767).

Tinea sanguinella, Hubner, Tin. Tab. 10, fig. 65, (1800).*

Eurhodops semirubella, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).

N. India, China, Europe.

4589. SALEBRIA UNDULATELLA.

Acrobasis undulatella, Walker, Cat. Lep. Het. B. M. xxv, p. 1711, (1836).

Salebria undulatella, Moore, Lep. Ceyl. iii, p. 360, (1886).

Ceylon.

Genus *Oligochroa*.

4590. OLIGOCHROA AKBARELLA.

Oligochroa akbarella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 20.

Allahabad.

4591. OLIGOCHROA LEUCOPHÆLLA.

Pempelia (Salebria) leucophaella, Zeller, Stett. Ent. Zeit. 1867, p. 390.

Calcutta.

4592. OLIGOCHROA NODICORNELLA.

Oligochroa nodicornella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 21.

Lahore.

4593. OLIGOCHROA SORICINELLA.

Oligochroa soricinella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1889), p. 20.

South India.

Genus *Pristarthria*.4594. *PRISTARTHERIA MINUTELLA*.

Salobria minutella, Rag., Bull. Soc. Ent. Fr. (6) v, p. 150, (1885).
 ———— Moore, Lep. Ceyl. iii, p. 361, (1886).

Ceylon.

Allied to *P. mundalis*.

Genus *Epicrocis*.4595. *EPICROCIS FESTIVELLA*.

Epicrocis festivella, Zeller, Isis (1843), p. 878.*

———— Mic., Lep. Caffr., p. 77, (1852).*

———— Walker, Cat. Lep. Het. B. M., xxvii, p. 75, (1863).

———— Moore, Lep. Ceyl. iii, p. 367, pl. 184, fig. 8, (1886).

———— Meyrick, Trans. Ent. Soc. Lond., 1887, p. 259.

Scopula albigeralis, Walker, loc. cit. xxxiv, p. 1468, (1865).

Ceylon, Java, Africa.

Genus *Hydaspia*.4596. *HYDASPIA DORSIPUNCTELLA*.

Hydaspia dorsipunctella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
 Paris, (April 1888), p. 22.

Punjab.

Genus *Magiria*.4597. *MAGIRIA IMPARELLA*.

Magiria imparella, Zeller, Stett. Ent. Zeit. 1867, p. 393, pl. 2, fig. 2.

India.

4598. *MAGIRIA ROBUSTA*.

Magiria robusta, Moore, Lep. Ceyl. iii, p. 365, pl. 184, figs. 4, 4a, (1886).

Ceylon.

Genus *Anoristia*.4599. *ANORISTIA INANITELLA*.

Anoristia inanitella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
 (April 1888), p. 25.

Mynpuri.

4600. *ANORISTIA VENOSELLA*.

Homæosoma venosella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).

————, 2nd Yark. Mus., Lep., p. 15, pl. 1, fig. 24,
 (1879).

Yarkand.

Genus *Etiella*.4601. *ETIELLA ZINCKENELLA*.

Phycis zinckenella, Treitschke Schmett Eur. ix. i, p. 201, (1832).*

Mella zinckenella, Butler, Proc. Zool. Soc. Lond., 1881, p. 623.

———— Swinhoe, Proc. Zool. Soc. Lond., 1884, p. 529.

———— Moore, Lep. Ceyl. iii, p. 367, (1886).

Mella dymnusalis, Walker, Cat. Lep. Het., B. M. xix, p. 1018, (1859).

Phycis etiella, Treitschke, loc. cit. x, 3, p. 278, (1836).*

Assara albicostalis, Walker, loc. cit. xxvii, p. 80, (1863).

Arucha indicatalis, Walker, loc. cit., p. 202, (1863).

Modiana scitivittalis, Walker, loc. cit., p. 83, (1863).

Alata anticalis, Walker, loc. cit., p. 108, (1863); and xxv, p. 1724, (1866).

Alata subaurella, Walker, loc. cit. xxv, p. 1724, (1866).

Alata hastiferella, Walker, loc. cit., p. 1725, (1866).

var. *Etiella decipiens*, Staudinger, Berl. Ent. Zeit., p. 195, (1870).

Cyambus sabulinus, Butler, Ann. Mag. Nat. Hist. (5) iv, p. 455, (1879).

Collection Swinhoe, Mahableswar, Karachi, Hubb, Kotri.

Found in all parts of the inhabited world.

Genus *Heterographis*.4602. *HETEROGRAPHIS MYSORELLA*.

Heterographis mysorella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 29.

South India.

4603. *HETEROGRAPHIS SINGHALELLA*.

Heterographis singhalella, Rag., Ann. Soc. Ent. France, (1888), p. 283.

Ceylon.

4604. *HETEROGRAPHIS SUBOBLITELLA*.

Heterographis suboblitella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 29.

South India.

Genus *Euzophera*.4605. *EUZOPHERA PERTIOELLA*.

Euzophera perticella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 32.

Calcutta.

Genus *Homœosoma*.4606. *HOMÆOSOMA ALBOVITTELLA*.

Homœosoma albovittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 35.

Allahabad.

4607. *HOMÆOSOMA DERASELLA*.

Homœosoma derasella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 877,
pl. 57, fig. 19.

Collection Swinhoe, Poona, Bombay.

4608. *HOMEOSOMA GETUSALIS*.

Homaeosoma (?) *getusalis*, Walker, Cat. Lep. Het. B. M. xxvii, p. 26, (1863).
 Moore, Lep. Ceyl. iii, p. 359, (1886).

Ceylon.

4609. *HOMEOSOMA GOLIATHELLA*.

Homaeosoma goliathella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
 Paris, (April 1888), p. 35.

Calcutta.

4610. *HOMEOSOMA PUNCTISTRIGELLA*.

Homaeosoma punctistrigella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
 Paris, (April 1888), p. 39.

Punjab.

Genus *Cabragus*.

4611. *CABRAGUS AURITIPALPUS*.

Cabragus auritipalpus, Moore, Lep. Ceyl. iii, p. 371, pl. 184, fig. 9, (1886).

Ceylon.

Sub-Family ANERASTINÆ.

Genus *Emmalocera*.

4612. *EMMALOCERA LUCIDICOSTELLA*.

Emmalocera lucidicostella, Rag., Nouv. Gen. et Espèces de Phyc. et
 Gall., Paris, (April 1888), p. 38.

Punjab.

4613. *EMMALOCERA UMBRICOSTELLA*.

Emmalocera umbricostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
 Paris, (April 1888), p. 38.

N.-W. India.

Genus *Lodiana*.

4614. *LODIANA UMBRIVITTELLA*.

Lodiana umbrivittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
 Paris, (April 1888), p. 38.

Punjab.

Genus *Polyocha*.

4615. *POLYOCHA AURIFUSSELLA*.

Crambus aurifusella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1756, (1866).
Chilo aurifusellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 878; and 1896,
 p. 461.

Collection Swinhoe, Mhow, Poona.

4616. POLYOCHA CARNATELLA.

Polyocha carnatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 39.
Lahore.

4617. POLYOCHA DETRITELLA.

Polyocha detritella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 39.
Dharmasala.

4618. POLYOCHA VARIEGATELLA.

Polyocha variegatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 39.
Dharmasala.

4619. POLYOCHA VESCOULELLA.

Polyocha vesiculella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 39.
Dharmasala.

Genus *Patna*.

4620. PATNA EBORICOSTELLA.

Patna eboricostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 39.
Darjiling.

Genus *Poujadia*.

4621. POUJADIA ERODELLA.

Poujadia erodella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris,
(April 1888), p. 42.
South India.

4622. POUJADIA OCHRIDORSELLA.

Poujadia ochridorsella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 42.
Dharmasala.

4623. POUJADIA SEPIOCOSTELLA.

Poujadia sepiocostella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 42.
Punjab.

4624. POUJADIA SPURCELLA.

Poujadia spurcella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 42.
Allahabad, Libouan.

Genus *Saluria*.4625. *SALURIA OPIFICELLA*.

Anerastia opifcella, Zeller, Stett. Ent. Zeit. 1867, p. 406.
Calcutta.

Genus *Baroda*.4626. *BARODA PAUCIGRAPHELLA*.

Baroda paucigraphella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 43.
Kutch, Calcutta, South India.

Genus *Ambala*.4627. *AMBALA FUSCOSTRIGELLA*.

Ambala fuscostrigella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 46.
N.-W. India.

Genus *Heosphora*.4628. *HEOSPHORA LATERCULELLA*.

Anerastia laterculella, Zeller, Stett. Ent. Zeit, 1867, p. 403.
Calcutta.

Genus *Talamba*.4629. *TALAMBA TENUINERVELLA*

Talamba tenuinervella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, April 1888, p. 47.
Punjab.

Genus *Hypsotropa*.4630. *HYPSTROPA SCELETELLA*.

Anerastia sceletella, Zeller, Stett. Ent. Zeit. 1867, p. 404.
Calcutta.

Genus *Anerastia*.4631. *ANERASTIA ADAPTELLA*.

Pempelia (?) adaptella, Walker, Cat. Lep. Het. B. M. xxvii, p. 74, (1863).
Anerastia adaptella, Moore, Lep. Ceyl. iii, p. 367, (1886).
Ceylon.

4632. *ANERASTIA BIMACULELLA*.

Anerastia bimaulella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall.,
Paris, (April 1888), p. 49.
South India.

4633. *ANERASTIA BRUNNEOVITTELLA*.

Anerastia brunneovittella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.

Bombay.

4634. *ANERASTIA CELSELLA*.

Araxes (?) *celsella*, Walker, Cat. Lep. Het. B. M. xxvii, p. 193, (1863).
Anerastia celsella, Moore, Lep. Ceyl. iii, p. 357, (1886).

Ceylon.

4635. *ANERASTIA INFICITA*.

Acrobasis inficita, Walker, Cat. Lep. Het. B. M. xxvii, p. 30, (1863).
Anerastia inficita, Moore, Lep. Ceyl. iii, p. 358, (1886).

Ceylon.

4636. *ANERASTIA SPINIFRONTELLA*.

Anerastia spinifrontella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 48.

India.

4637. *ANERASTIA STIGMATELLA*.

Anerastia stigmatella, Rag., Nouv. Gen. et Espèces de Phyc. et Gall., Paris, (April 1888), p. 49.

Dharmasala, Allahabad, South India.

Species described as Phycitidae but whose position is doubtful.

Genus *MOCA*.4638. *MOCA LITHOSIODES*.

Moca lithosioides, Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.

Resembles a *Tineid*.

4639. *MOCA VELUTINA*.

Moca velutina, Walker, Cat. Lep. Het. B. M., xxvii, p. 102, (1863).
 ——— Moore, Lep. Ceyl. iii, p. 372, (1886).

Ceylon.

Resembles a *Noctua*. This and the preceding species certainly do not belong to the same family.

Genus *Allata*.4640. *ALLATA PENICILLATA*.

Allata penicillata, Walker, Cat. Lep. Het. B. M. xxvii, p. 111, (1863).
India.

Genus *Letoa*.4641. *LETOA PATULELLA*.

Letoa patulella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1738, (1866).
N. India.

Genus *Subrita*.4642. *SUBRITA BILINEATELLA*.

Subrita bilineatella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1744, (1866).
India.

Genus *Dapha*.4643. *DAPHA VALEUSALIS*.

Dapha valeusalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 125, (1863).
Moore, Lep. Ceyl. iii, p. 370, (1886).
Ceylon.

Genus *Hamaxia*.4644. *HAMAXIA LIGNULINA*.

Hamaxia lignulina, Walker, Cat. Lep. Het. B. M., xxvii, p. 128, (1863).
Moore, Lep. Ceyl. iii, p. 374, (1886).
Ceylon.

Genus *Lacipea*.4645. *LACIPEA MUSCOSELLA*.

Lacipea muscosella, Walker, Cat. Lep. Het. B. M., xxvii, p. 138, (1863).
Moore, Lep. Ceyl. iii, p. 372, (1886).
Ceylon.

Genus *Cadra*.4646. *CADRA DEFECTELLA*.

Cadra defectella, Walker, Cat. Lep. Het. B. M., xxx, p. 962, (1864).
Moore, Lep. Ceyl. iii, p. 370, (1886).
Ceylon.

Genus (?)

4647. ————— *GRISELLA*.

Myelois griseella, Moore, Ann. Nat. Hist. (5) i, p. 236, (1878).
2nd Yarkand Miss. Lep., p. 16, pl. 1, fig. 15,
(1879).
Yarkand.

4648. ————UNDULOSELLA.

Myelois undulosella, Moore, Ann. Nat. Hist. (6) i, p. 236, (1878).
 ———— 2nd Yark. Miss. Lep., p. 16, pl. 1, fig. 27,
 (1879).

Yarkand.

4649. ————ACISALIS.

Nephopteryx (?) acisalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 66,
 (1863).

————— Moore, Lep. Ceyl. iii, p. 363, (1886).

Ceylon.

FAMILY SCHÆNOBIDÆ.

Genus *Eschata*.4650. *ESCHATA ARGENTATA*.

Eschata argentata, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).

Darjiling.

4651. *ESCHATA CONSPURCATA*.

Eschata conspurcata, Moore, Descr. Ind. Lep. Atk., p. 227, (1887).

Darjiling.

4652. *ESCHATA GELIDA*.

Eschata gelida, Walker, Cat. Lep. Het. B. M. ix, p. 133, (1856).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 666.

Sylhet, Sikkim.

Genus *Apurima*.4653. *APURIMA COSTALIS*.

Apurima costalis, Moore, Lep. Ceyl. iii, p. 388, pl. 184, fig. 15, (1886).

Ceylon.

4654. *APURIMA XANTHOGASTRELLA*.

Apurima xanthogastrella, Walker, Cat. Lep. Het. B. M. xxvii, p. 194,
 (1863).

————— Moore, Proc. Zool. Soc. Lond., 1867, p. 666.

————— Butler, Proc. Zool. Soc. Lond., 1886, p. 394.

————— Moore, Lep. Ceyl. iii, p. 388, pl. 184, fig. 14,
 (1886).

Eupela (?) degenerella, Walker, loc. cit. xxviii, p. 524, (1863).

Scirpophaga degenerella, Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.

Lithostia (?) cramboides, Walker, loc. cit. xxxi, p. 230, (1864).

Collection Swinhoe, Umballa, Karachi, Hyderabad, Sind.

Also recorded from China.

Genus *Scirpophaga*.4655. *SCIRPOPHAGA AURIFLUA*.

- Scirpophaga auriflua*, Zeller, Monogr. Chilo et Cramb., p. 2, (1863).*
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- Walker, Cat. Lep. Het. B. M. xxx, p. 968, (1865).
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- Moore, Proc. Zool. Soc. Lond. 1867, p. 666.
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- Lep. Ceyl. iii, p. 387, (1886).

Calcutta, Ceylon.

4656. *SCIRPOPHAGA GILVIBERBIS*.

- Scirpophaga gilviberbis*, Zeller, Monogr. Chilo et Cramb., p. 2, (1863).*
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- Walker, Cat. Lep. Het. B. M. xxx, p. 968, (1864).
-
- Moore, Proc. Zool. Soc. Lond., 1867, p. 666.

Calcutta.

Genus *Brihaspa*.4657. *BRIHASPA ATROSTIGMELLA*.

- Brihaspa atrostigmella*, Moore, Proc. Zool. Soc. Lond. 1867, p. 666, pl. 33, fig. 13, ♂.
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- Felder & R. Reise, Novara, pl. 98, fig. 19, (1868).

Collection Swinhoe, Darjiling, Rangoon.

Genus *Cirrhochrista*.4658. *CIRRHOCHRISTA ACCIUSALIS*.

- Margaronia acciusalis*, Walker, Cat. Lep. Het. B. M. xix, p. 977, (1859).
- Ramila acciusalis*, Moore, Lep. Ceyl. iii, p. 389, pl. 184, fig. 5, (1886).
- Cirrhochrista acciusalis*, Moore, Descr. Ind. Lep. Atk., p. 227, ♀, (1887).

Ceylon, India.

4659. *CIRRHOCHRISTA BRIZOALIS*.

- Margaronia brizoalis*, Walker, Cat. Lep. Het. B. M. xix, p. 976, (1859).
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- Swinhoe, Proc. Zool. Soc. Lond. 1865, p. 871.
- Cirrhochrista brizoalis*, Moore, Descr. Ind. Lep. Atk., p. 226, pl. 7, fig. 10, ♀, (1887).

Collection Swinhoe, Poona, Bombay, Nilgiri Hills.

Also recorded from China and Australia.

Genus *Ramila*.4660. *RAMILA MARGINELLA*.

- Ramila marginella*, Moore, Proc. Zool. Soc. Lond., 1867, p. 667, pl. 33, fig. 16.

Collection Swinhoe, Sikkim.

Genus *Schcenobius*.4661. *SCHCENOBIOUS BIPUNCTIFERA*.

- Tipana bipunctifera*, Walker, Cat. Lep. Het. B. M. xxviii, p. 523, (1863).

SCHENOBIUS BIPUNCTIFERA—*contd.*

Schenobius bipunctifera, Moore, Lep. Ceyl. iii, p. 385, pl. 184, fig. 13, (1886).

Chilo graciosellus, Walker, *loc. cit.* xxx, p. 987, (1864).

———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878.

Schenobius punctellus, Zeller, Monog. Chilo et Cramb., p. 4, (1863).^a

———— Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Collection Swinhoe, Bombay, Poona.

Also recorded from Calcutta, Ceylon, China, Java.

4662. SCHENOBIUS BISIGNATUS.

Schenobius bisignatus, Zeller, MSS.

———— Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878; and 1886, p. 461.

Collection Swinhoe, Mhow, Poona, Karachi.

4663. SCHENOBIUS BRUNNESCENS.

Schenobius brunnescens, Moore, Desor. Ind. Lep. Atk., p. 225, (1887).

Calcutta.

Genus *Urola*.

4664. UROLA INCLARALIS.

Crambus inclaralis, Walker, Cat. Lep. Het. B. M. xxvii, p. 166, (1867).

Urola inclaralis, Swinhoe, Proc. Zool. Soc. Lond., 1886, p. 462.

Collection Swinhoe, Mhow.

Also recorded from China.

Genus *Patissa*.

4665. PATISSA CANDIDULALIS.

Metasia candidulalis, Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 880, pl. 57, fig. 6.

Collection Swinhoe, Poona.

Allied to *P. lactealis*, Felder.

4666. PATISSA LACTEALIS.

Metasia (?) lactealis, Felder & B. Reiss, Novara, pl. 137, fig. 88, ♂, (1874).

Patissa lactealis, Moore, Lep. Ceyl. iii, p. 389, pl. 184, fig. 11, (1886).

Ceylon.

Genus *Acara*.

4667. ACARA MOROSELLA.

Acara morosella, Walker, Cat. Lep. Het. B. M. xxvii, p. 199, (1863).

———— Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Sylhet.

FAMILY CRAMBIDÆ.

Genus *Chilo*.4668. *CHILO BIVITELLUS*.

Chilo bivitellus, Moore, Proc. Zool. Soc. Lond. 1872, p. 581, pl. 34, fig. 8.
Collection Swinhoe, Nilgiri Hills.
Also recorded from Bombay.

4669. *CHILO CERVINELLUS*.

Chilo cervinellus, Moore, Proc. Zool. Soc. Lond., 1872, p. 581, pl. 34, fig. 7.
Swinhoe, Proc. Zool. Soc. Lond., 1885, p. 878.
Collection Swinhoe, Nilgiri Hills, Matheran, Satara, Poona.

4670. *CHILO DESISTALIS*.

Crambus desistalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 165, (1863).
Chilo desistalis, Moore, Lep. Ceyl. iii, p. 384, pl. 184, fig. 10, (1886).
Collection Swinhoe, Ceylon.

4671. *CHILO DODATELLUS*.

Chilo dodatellus, Walker, Cat. Lep. Het. B. M. xxx, p. 966, (1864).
Chilo dodatellus Moore, Lep. Ceyl. iii, p. 384, (1886).
Chilo aditellus, Walker, loc. cit., p. 967.
India, Ceylon.

4672. *CHILO EXCERPTALIS*.

Chilo excerptalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 142, (1863).
N. India.

4673. *CHILO INCONSPICUELLUS*.

Chilo inconspicuellus, Moore, Proc. Zool. Soc. Lond. 1872, p. 582, pl. 34,
fig. 6.
Bombay.

4674. *CHILO INTERRUPTELLUS*.

Chilo interruptellus, Moore, Proc. Zool. Soc. Lond., 1872, p. 581, pl. 34,
fig. 5.
Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878; and
1886, p. 461.
Collection Swinhoe, Mhow, Poona, Bombay.

4675. *CHILO LINCUSALIS*.

Homocoma (?) lincusalis, Walker, Cat. Lep. Het. B. M., xxvii, p. 26,
(1863).
Moore, Lep. Ceyl. iii, p. 388, (1886).
Chilo lincusalis, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 878.
Collection Swinhoe, Simla, Poona.
Also recorded from Ceylon.

4676. CHILO NIVELLUS.

Chilo nivellus, Kollar, Hüg. Kasch, iv, p. 495, (1848).

———— Walker, Cat. Lep. Het. B. M. xxvii, p. 142, (1863).

Kashmir and Mussoorie.

4677. CHILO ORTELLUS.

Chilo ortellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 461, pl. 41, fig. 3.

Collection Swinhoe, Mhow.

4678. CHILO UNICOLORELLUS.

Chilo unicolorellus, Kollar, MSS.

———— Walker, Cat. Lep. Het. B. M., xxx, p. 966, (1864).

Himalayas.

Genus *Eromene*.

4679. EROMENE BELLA

Tinea bella, Hübner, Tin, fig. 60 (69 ♀), (1800).**Eromene bella*, Walker, Cat. Lep. Het. B. M. xxvii, p. 179, (1863).

———— Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.

———— Proc. Zool. Soc. Lond. 1885, p. 879; and 1886, p. 463.

Collection Swinhoe, Chaman (Afghanistan), Karachi, Mhow, Poona.

4680. EROMENE OCELLEA.

Eromene ocella, Haw, Lep. Brit., p. 486, (1812).*

———— Walker, Cat. Lep. Het. B. M. xxvii, p. 179, (1863).

———— Warren, Proc. Zool. Soc. Lond. 1886, p. 337.

Campbellpore (Punjab), Europe.

4681. EROMENE TRIPUNCTATA.

Eromene tripunctata, Moore, Descr. Ind. Lep. Atk., p. 226, (1887).

Darjiling.

Genus *Catagela*.

4682. CATAGELA ADJURELLA.

Catagela adjurella, Walker, Cat. Lep. Het. B. M. xxvii, p. 191, (1863).

———— Moore, Lep. Ceyl. iii, p. 385, (1886).

Ceylon.

4683. CATAGELA ADMOTELLA.

Catagela (?)admotella, Walker, Cat. Lep. Het. B. M. xxvii, p. 192, (1863).

———— Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 878.

———— Moore, Lep. Ceyl. iii, p. 386, (1886).

Schanobius minutellus, Zeller, Monog., (hilo et Cramb., p. 6, (1863).

———— Walker, loc. cit., xxx, p. 970, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 667.

Collection Swinhoe, Poona.

Also recorded from Ceylon, Calcutta, Java.

4684. CATAGELA (?) LEUCANIA.

Catagela (?) leucania, Felder & R. Reise, Novara, pl. 137, fig 13, ♂, (1874).
Moore, Lep. Ceyl. iii, p. 557, (1887).

Ceylon.

Genus Charltona.

4685. CHARLTONA KALA.

Charltona kala, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879, pl. 57, fig. 4; and 1886, p. 461.

Collection Swinhoe, Mhow, Satara, North Kanara.

Genus Culladia.

4686. CULLADIA ADMIGRATELLA.

Araxes admigratella, Walker, Cat. Lep. Het. B. M. xxvii, p. 192, (1863).
Culladia admigratella, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

4687. CULLADIA CÆSELLA.

Araxes cæsellæ, Walker, Cat. Lep. Het. B. M. xxvii, p. 193, (1863).
Culladia cæsellæ, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

4688. CULLADIA FAMULELLA.

Araxes famulella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1765, (1866).
Culladia famulella, Moore, Lep. Ceyl. iii, p. 383, (1886).

Ceylon.

Genus Panalipa.

4689. PANALIPA IMMERITALIS.

Dosara immeritalis, Walker, Cat. Lep. Het. B. M. xix, p. 830, (1859).
Panalipa immeritalis, Moore, Lep. Ceyl. iii, p. 387, (1886).
Araxes (?) decursella, Walker, loc. cit. xxvii, p. 194, (1863).

Ceylon.

Genus Epichilo.

4690. EPICHILO PARVELLUS.

Epichilo parvulus, Rag., Ann. Soc. Ent. France, 1888, p. 276.
South India.

Genus Calamotropha.

4691. CALAMOTROPHA ATKINSONI.

Calamotropha atkinsoni, Zeller, Monog. Chilo et Cramb., p. 9, (1863).
Walker, Cat. Lep. Het. B. M. xxx, p. 970, (1864).
Moore, Proc. Zool. Soc. Lond. 1867, p. 668.

Calcutta.

Genus *Crambus*.4692. *CRAMBUS ABBREVIATELLUS*.

Crambus abbreviatellus, Walker, Cat. Lep. Het. B. M. xxxv, p. 1756.
(1866).

South India.

4693. *CRAMBUS AURIVITTATUS*.

Crambus aurivittatus, Moore, Descr. Ind. Lep. Atk., p. 226, (1887).

Darjiling.

4694. *CRAMBUS CONSOCIELLUS*.

Crambus consociellus, Walker, Cat. Lep. Het. B. M. xxvii, p. 159, (1863).
———, Moore, Proc. Zool. Soc. Lond., 1867, p. 667.

Bengal.

Also recorded from North America.

4695. *CRAMBUS HAPALISCUS*.

Crambus hapaliscus, Zeller, Lep. Micro. Caffr. Kongl. Vet. Akad. Handl.,
p. 71, (1852)*.

———, Monog. Chilo et Cramb., p. 17, (1863)*.

———, Moore, Lep. Ceyl. iii, p. 380, pl. 184, fig. 6, (1886).

Crambus concinellus, Walker, Cat. Lep. Het. B. M. xxvii, p. 165, (1864).

———, Meyrick, Proc. Linn. Soc. New South Wales, iii, p. 182,
(1878).

Ceylon, Australia, Africa.

4696. *CRAMBUS LUTEELLUS*.

Crambus luteellus, Schiff, Wien, Verz., p. 134, (1776)*.

——— Walker, Cat. Lep. Het. B. M. xxvii, p. 154, (1863).

——— Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Campbellpur (Punjab), Japan, Europe.

4697. *CRAMBUS MALACELLUS*.

Crambus malacellus, Dup., Chilo. et Cramb. Genera. p. 17.*

——— Zeller, Stett. Ent. Zeit. 1867, p. 390.

Cherrapunji, Europe.

4698. *CRAMBUS MULTIVAGELLUS*.

Crambus multivagellus, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 462.

Collection Swinhoe, Mhow.

4699. *CRAMBUS PARALLELUS*.

Crambus parallelus, Zeller, Stett. Ent. Zeit. 1867, p. 389, pl. 2, fig. 1.

Darjiling.

4700. CRAMBUS PARTELLUS.

Crambus partellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879; and 1886, p. 462.

Collection Swinhoe, Mhow, Bombay, Poona, Khandalla.

4701. CRAMBUS SCITULELLUS.

Crambus scitulellus, Walker, Cat. Lep. Het. B. M., xxxv, p. 1755, (1866).
South India.

4702. CRAMBUS TODARIUS.

Crambus todarius, Butler, Proc. Zool. Soc. Lond. 1883, p. 173.

Collection Swinhoe, Nilgiri Hills.

4703. CRAMBUS ZONELLUS.

Crambus zonellus, Swinhoe, Proc. Zool. Soc. Lond. 1881, p. 528, pl. 48, fig. 16.

Collection Swinhoe, Karachi.

Allied to *C. decolorellus*.

Genus Tauba.

4704. TAUBA VENOSELLA.

Tauba venosella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1767, (1860).

Loryma venosella, Moore, Lep. Ceyl. iii, p. 377, (1886).

Ceylon.

Genus Pelena.

4705. PELENA UNICOLOR.

Pelena unicolor, Moore, Lep. Ceyl. iii, p. 386, pl. 184, fig. 16, (1886).

Ceylon.

Genus Libuna.

4708. LIBUNA SOLITELLA.

Bulina solitella, Walker, Cat. Lep. Het. B. M. xxv, p. 1767, (1866).

Libuna solitella, Moore, Lep. Ceyl. iii, p. 379, (1886).

Ceylon.

Genus *Argyria*.

4707. ARGYRIA NIGROCILIELLA.

Argyria nigrociliella, Klr., MSS.

Zeller, Monog. Chilo. et Cramb., p. 52, (1863).*

Walker, Cat. Lep. Het. B. M. xxx, p. 978, (1864).

Bombay.

FAMILY ANCYLOLOMIDÆ.

Genus *Ancylolomia*.

4708. *ANCYLOLOMIA ARGENTATA*.

Ancylolomia argentata, Moore, Lep. Ceyl. iii, p. 382, pl. 184, fig. 3, (1886)
Ceylon.

4709. *ANCYLOLOMIA BASISTRIGA*.

Ancylolomia basistriga, Moore, Lep. Ceyl. iii, p. 382, pl. 184, fig. 1, (1886).
Ceylon.

4710. *ANCYLOLOMIA TAPROBANENSIS*.

Ancylolomia taprobanensis, Zeller, Monog. Chilo. et Cramb, p. 9, (1863).*
Horné, Ent. Ross. (1877), p. 25, pl. 1,
fig. 8.*
Walker, Cat. Lep. Het. B. M. xxx, p. 969,
(1864).
Moore, Lep. Ceyl. iii, p. 381, pl. 184, figs. 2,
2a, (1886).

Ceylon.

Genus *Jartheza*.

4711. *JARTHEZA CASSIMELLA*.

Jartheza cassimella, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 461, pl. 41,
figs. 4 and 6.

Collection Swinhoe, Mhow.

Allied to *J. xylinella*.

4712. *JARTHEZA CHRYSOGRAPHELLA*.

Chilo chrysographellus, Kollar, Hüg. Kasch. iv, p. 494, (1848).
Jartheza chrysographella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184.
(1863).

Butler, Proc. Zool. Soc. Lond., 1883, p. 173; and
1886, p. 394.

Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879; and
1886, p. 461.

Ancyloloma chrysographella, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.

Collection Swinhoe, Kulu, Calcutta, Karachi, Mhow, Poona,
Nilgiri Hills.

Also recorded from Ceylon, China, and Africa.

4713. *JARTHEZA BIPLAGELLA*.

Jartheza biplagella, Moore, Proc. Zool. Soc. Lond. 1872, p. 582, pl. 34,
fig. 9.

Bombay.

4714 JARTHEZA INDICA.

Ancylolomia indica, Felder & R. Reise, Novara, pl. 137, fig. 19, ♂,
(1874).
Calcutta.

4715. JARTHEZA OBSTITELLA.

Jartheza obstitella, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 880, pl. 57,
fig. 3.
Collection Swinhoe, Poona.

4716. JARTHEZA RESPONSELLA.

Jartheza responsella, Walker, Cat. Lep. Het. B. M. xxvii, p. 184, (1863).
N. India.

4717. JARTHEZA XYLINELLA.

Jartheza xylina, Walker, Cat. Lep. Het. B. M. xxvii, p. 184, (1863)
Nepal.

Genus *Pindictora*.

4718. PINDICTORA THYSBESALIS.

Pindictora thysbesalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 135, (1863).
Pindictora (?) *zeuxoalis*, Walker, *loc. cit.*
Surattha zeuxoalis, Moore, Lep. Ceyl. iii, p. 378, (1886)
Ceylon.

Genus *Surattha*.

4719. SURATTHA ACREONALIS.

Pindictora acreonalis, Walker, Cat. Lep. Het. B. M., xxvii, p. 136, (1863),
Surattha acreonalis, Moore, Lep. Ceyl. iii, p. 379, (1886).
Ceylon.

4720. SURATTHA ALBIPENNIS.

Surattha albipennis, Butler, Proc. Zool. Soc. Lond. 1886, p. 383
Collection Swinhoe, Punjab, Karachi.
Allied to *S. invectalis*.

4721. SURATTHA ALBIRENELLA.

Calarina albirenella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1770, (1866).
South India, Java.

4722. SURATTHA ANNUSALIS.

Pindictora (?) *annusalis*, Walker, Cat. Lep. Het. B. M. xxvii, p. 136, (1863).
Surattha annusalis, Moore, Lep. Ceyl. iii, p. 378, (1886).
Ceylon.

4723. *SURATTHA INVECTALIS*.

Surattha invectalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 76, (1863).
 Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 879, and
 1886, p. 462.
 Moore, Lep. Ceyl. iii, p. 378, (1886).

Collection Swinhoe, Mhow, Satara, Poona.
 Also recorded from Ceylon.

Genus *Mesolia*.

4724. *MESOLIA PANDAVELLA*.

Mesolia pandavella, Rag., Ann. Soc. Ent. France, 1888, p. 282.
 South India.

FAMILY GALLERIDÆ.

Genus *Galleria*.

4725. *GALLERIA MELLONELLA*.

Phalena (Tinea) mellonella, Linn., Donovan viii, pl. 288.
Galleria mellonella, Walker, Cat. Lep. Het. B. M., xxvii, p. 1, (1863).
 Horne, Trans. Ent. Soc. Lond. 1870, p. 181, pl. 22,
 fig. 3c.

Collection Swinhoe, Poona.
 Also recorded from Europe

Genus *Propachys*.

4726. *PROPACHYS FASCIALIS*.

Propachys fascialis, Moore, Proc. Zool. Soc. Lond. 1867, p. 665.
 Bengal.

4727. *PROPACHYS LINEALIS*.

Propachys linealis, Moore, Proc. Zool. Soc. Lond. 1867, p. 665, pl. 33,
 fig. 17; and 1877, p. 620.
 Darjiling, Andaman Islands.

4728. *PROPACHYS NIGRIVENA*.

Propachys nigrivena, Walker, Cat. Lep. Het. B. M. xxvii, p. 7, (1863).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 665.
 Collection Swinhoe, Darjiling.
 Also recorded from China.

Genus *Oryba*.

4729. *ORYBA FLAVIPLAGA*.

Oryba flaviplaga, Walker, Cat. Lep. Het. B. M. xxvii, p. 11, (1863).
 Collection Swinhoe, Simla.

Genus *Toccolosida*.4730. *TOCCOLOSIDA RUBRICEPS*.

Toccolosida rubriceps, Walker, Cat. Lep. Het. B. M. xxvii, p. 14, (1863).
 — Moore, Proc. Zool. Soc. Lond. 1867, p. 665.

Sylhet.

Genus *Midea*.4731. *MIDEA RECTALIS*.

Midea rectalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 21, (1863); and
 xxxiv, p. 1701, (1866).

Punjab, Ceylon, Borneo.

Genus *Lamoria*.4732. *LAMORIA ANELLA*.

Tinea anella, Schiff., Wien, Verz., p. 135, (1776) *
Galleria anella, Zink., Sommer. Germ. Mag. Ent. iv, p. 243.*
Tinea (Pyralis) sociella, Hübn., Eur. Schmett. Tin., p. 4, fig. 24.*
 Kandahar, Poona, Europe, Africa.

4733. *LAMORIA DEPRESSELLUS*.

Melissoblastes depressellus, Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876,
 pl. 57, fig. 5.

Collection Swinhoe, Poona.

4734. *LAMORIA PLANALIS*.

Lamoria planalis, Walker, Cat. Lep. Het. B. M. xxvii, p. 88, (1863).
 — Swinhoe, Proc. Zool. Soc. Lond. 1885, p. 876.
Acrobasis (?) imbella, Walker, loc. cit., xxx, p. 955, (1864).
 — Swinhoe, Trans. Ent. Soc. Lond. 1885, p. 354.
Epischnia imbella, Butler, Ann. Mag. Nat. Hist. (5), xix, p. 211, (1862).
Melissoblastes bipunctanus, Moore (nec Haworth, nec Curtis), Lep. Ceyl.
 iii, p. 375, (1886).

Collection Swinhoe, Karachi, Bombay, Poona.

Also recorded from Ceylon, Allahabad, and Africa.

Genus *Rhangena*.4735. *RHANGENA ROSEIPENNIS*.

Rhangena roseipennis, Moore, Lep. Ceyl. iii, p. 376, pl. 184, fig. 12, (1886).
 Ceylon.

Genus *Trachylepidia*.4736. *TRACHYLEPIDIA FRUCTICASSIELLA*.

Trachylepidia fructicassielia, Rag., Ann. Soc. Ent. France, 1887, p. 26C.
 Punjab.

TRIBE TORTRICES.

FAMILY TORTRICIDÆ.

Sub-Family TORTRICINÆ.

Genus *Teras*.

4737. *TERAS DIVISANA*.

Teras divisana, Walker, Cat. Lep. Het. B. M. xxviii, p. 296, (1863).
Moore, Lep. Ceyl. iii, p. 491, (1887).

Ceylon.

4738. *TERAS EXTENSANA*.

Teras extensana, Walker, Cat. Lep. Het. B. M. xxviii, p. 296, (1863).
Moore, Lep. Ceyl. iii, p. 492, (1887).

Ceylon.

Genus *Cacoecia*.

4739. *CACOECIA MICACEANA*.

Cacoecia micaceana, Walker, Cat. Lep. Het. B. M. xxviii, p. 314, (1863).
Butler, Proc. Zool. Soc. Lond. 1863, p. 173.
Walsingham, Proc. Zool. Soc. Lond. 1885, p. 881.
Moore, Lep. Ceyl. iii, p. 492, pl. 208, fig. 1, (1887).

Collection Swinhoe, Solun, Kulu, Sikkim, Poona, Nilgiri Hills.
Also recorded from China.

4740. *CACOECIA SEMIALBANA*.

Cacoecia semialbana, Guén., Ann. Soc. Ent. France, 1845, Ind. 5, (P)
Walker, Cat. Lep. Het. B. M. xxvii, p. 216, (1863).*
Staudinger & Wocke, Cat. ii, p. 236, No. 693,
(1871).*

Collection Swinhoe, Solun, Sikkim.
Also recorded from Europe.

4741. *CACOECIA SIMULANA*.

Godana simulana, Walker, Cat. Lep. Het. B. M. xxxv, p. 1801, (1866).
Cacoecia simulana, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Abbotabad (Punjab), Java.

Genus *Pandemis*.

4742. *PANDEMIS DISPILANA*.

Pandemis dispilana, Walker, Cat. Lep. Het. B. M. xxi, p. 933, (1864).
Bhutan.

4743. PANDEMIS EDUCTANA.

Pandemis eductana, Walker, Cat. Lep. Het. B. M. xxviii, p. 310, (1863).
India.

Genus *Cnephasia*.

4744. CNEPHASIA FLEXILINEANA.

Sciaphila flexilineana, Walker, Cat. Lep. Het. B. M. xxviii, p. 345, (1863).
Cnephasia flexilineana, Moore, Lep. Ceyl. iii, p. 494, 1887.
Ceylon.

4745. CNEPHASIA (?) PERFECTANA.

Sciaphila (?) perfectana, Walker, Cat. Lep. Het. B. M. xxviii, p. 347, (1863).
Nilgiri Hills.

Genus *Tortrix*.

4746. TORTRIX AFFINISANA.

Tortrix affinisana, Walker, Cat. Lep. Het. B. M. xxviii, p. 328, (1863).
Moore, Lep. Ceyl. iii, p. 493, (1887).
Ceylon.

4747. TORTRIX COFFEARIA.

Tortrix coffearia, Neitner, Obs. on Enemies of Coffee Tree in Ceylon, p. 24,
(1861).
Nietner, *loc. cit.*, new edition, p. 16, (1880).
Guér., Rev. et Mag. de Zool. 1864, p. 61.
Moore, Lep. Ceyl. iii, p. 494, (1887).
Ceylon.

4748. TORTRIX DETRACTANA.

Tortrix detractana, Walker, Cat. Lep. Het. B. M. xxviii, p. 326, (1863).
Moore, Lep. Ceyl. iii, p. 493, (1887).
Ceylon.

4749. TORTRIX FIMBRIANA.

Tortrix fimbriana, Walker, Char. Undescr. Lep. Het., p. 101, (1869).
Benares.

4750. TORTRIX INVALIDANA.

Tortrix invalidana, Walker, Cat. Lep. Het. B. M. xxviii, p. 327, (1863).
Moore, Lep. Ceyl. iii, p. 493, (1887).
Ceylon.

4751. TORTRIX PUSILLANA.

Tortrix pusillana, Walker, Cat. Lep. Het. B. M. xxviii, p. 328, (1863).
Moore, Lep. Ceyl. iii, p. 493, (1887).
Ceylon.

Genus *Dichelia*.4752. *DICHELIA PRIVATANA*.

Dichelia privatana, Walker, Cat. Lep. Het. B. M. xxviii, p. 320, (1863).
India.

4753. *DICHELIA RETRACTANA*.

Dichelia retractana, Walker, Cat. Lep. Het. B. M. xxviii, p. 323, (1863).
Walsingham, Proc. Zool. Soc. Lond. 1885, p. 881.
Moore, Lep. Ceyl. iii, p. 492, pl. 208, fig. 11, (1887).

Collection Swinhoe, Bombay.
Also recorded from Dharmasala, Ceylon, Australia.

Genus *Xanthosetia*.4754. *XANTHOSETIA INNOTANA*.

Xanthosetia innotana, Warren, Proc. Zool. Soc. Lond. 1888, p. 337.
Kala Pani (Punjab).

[N.B.—The position of the following Genus is doubtful.]

Genus *Topadesa*.4755. *TOPADESA SANGUINEA*.

Topadesa sanguinea, Moore, Descr. Ind. Lep. Atk., p. 230, (1887).
Darjiling.

Sub-Family CONCHYLINÆ.

Genus *Conchylis*.4756. *CONCHYLIS CONJUNCTANA*.

Conchylis conjunctana, Walker, Cat. Lep. Het. B. M. xxxv, p. 1788,
(1866).
N. India.

4757. *CONCHYLIS FLAVICOSTANA*.

Conchylis flavicostana, Walker, Cat. Lep. Het. B. M. xxviii, p. 361, (1863).
India.

4758. *CONCHYLIS STOLIOZKANA*.

Conchylis stoliczkana, Moore, Ann. Nat. Hist. (5) i, p. 237, (1878).
2nd Yark. Miss. Lep., p. 16, pl. 1, fig. 14,
(1879).

Yarkand.

Sub-Family GRAPHOLITHINÆ.

Genus *Platypeplus*.4759. *PLATYPEPLUS APROBOLA*.

Eccopsis aprobola, Meyr., Trans. Ent. Soc. Lond. 1886, p. 275.

Platypeplus aprobola, Moore, Lep. Ceyl. iii, p. 495, pl. 208, fig. 2, (1887).
Ceylon.

Genus *Penthina*.4760. *PENTHINA BRYANA*.

Penthina bryana, Felder & R. Reise, Novara, pl. 137, fig. 54, ♀, (1874).

Penthina bryana, Moore, Lep. Ceyl. iii, p. 494, (1887).
Ceylon.

Genus *Pædisca*.4761. *PÆDISCA DECOLORANA*.

Pædisca decolorana, Freyer, Neus Beitr. 318, 5, p. 48, (1831—48).*

————— Walker, Cat. Lep. Het. B. M. xxvii, p. 251.

————— Butler, Proc. Zool. Soc. Lond. 1883, p. 173.

————— Swinhoe, Proc. Zool. Soc. Lond. 1884, p. 528.

Collection Swinhoe, Karachi.

Also recorded from Europe.

Genus *Grapholitha*.4762. *GRAPHOLITHA CONFERTANA*.

Grapholitha confertana, Walker, Cat. Lep. Het. B.M. xxviii, p. 388, (1863).

Grapholitha confertana, Moore, Lep. Ceyl. iii, p. 495, (1887).
Ceylon.

4763. *GRAPHOLITHA LOBIFERANA*.

Grapholitha lobiferana, Moore, Descr. Ind. Lep. Atk., p. 280, (1887).

Darjiling.

4764. *GRAPHOLITHA NOVARANA*.

Grapholitha novarana, Felder & R. Reise, Novara, pl. 137, fig. 49, ♀, (1874).

Grapholitha novarana, Moore, Proc. Zool. Soc. Lond. 1877, p. 623.
Nicobar Islands.

4765. *GRAPHOLITHA OBTUSANA*.

Grapholitha obtusana, Walker, Cat. Lep. Het. B.M. xxviii, p. 388, (1863).

Grapholitha obtusana, Moore, Lep. Ceyl. iii, p. 495, (1887).
Ceylon.

Genus *Carpocapsa*.4766. *CARPOCAPSA PINGUISANA*.

Carpocapsa pinguisana, Walker, Cat. Lep. Het. B.M. xxviii, p. 410, (1863).
N. India.

Genus *Coptoloma*.4767. *COPTOLOMA AURANTIANA*.

Hemerisia aurantiana, Pryer, Cist. Ent. ii, 235, pl. iv, fig. 12, (1875-82).
Collection Swinhoe, Karachi.
Also recorded from Shanghai.

Genus *Dichrorampha*.4768. *DICHRORAMPHA SUBSEQUANA*.

Tortrix subsequana, Hawarth, Lep. Brit. 448, (1812).
Dichrorampha subsequana, Walker, Cat. Lep. Het. B.M. xxvii, p. 281,
(1863),
————— Staudinger & Wocke, Cat. ii, p. 264, No.
1284, (1871).
————— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
Collection Swinhoe, Mhow, Bombay, Poona.
Also recorded from Europe.

Sub-Family CERACIINÆ.

Genus *Cerace*.4769. *CERACE GUTTANA*.

Cerace guttana, Felder & R. Reise, Novara, pl. 139, fig. 51, ♀, (1875).
Sylhet.

4770. *CERACE ONUSTANA*.

Cerace onustana, Walker, Cat. Lep. Het. B. M. xxviii, p. 423, (1863).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 668.
Nepal, Sylhet, Sikkim.

4771. *CERACE STIPATANA*.

Cerace stipatana, Walker, Cat. Lep. Het. B. M. xxviii, p. 422, (1863).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 668.
Collection Swinhoe, Darjiling.
Also recorded from China.

4772. *CERACE PERDICINA*.

Cerace perdicina, Moore, Descr. Ind. Lep. Atk., p. 279, (1887).
Darjiling.

4773. *CERACE TETRAONIS*.

Cerace tetraonis, Butler, Proc. Zool. Soc. Lond. 1886, p. 394.
Murree.
Allied to *C. onustana*.

Genus *Homona*.4774. *HOMONA FASCICULANA*.

Homona fasciculana, Walker, Cat. Lep. Het. B. M. xxviii, p. 424, (1863).
Moore, Lep. Ceyl. iii, p. 496, (1887).

Ceylon.

FAMILY SIMÆTHIDÆ.

Sub-Family SIMÆTHINÆ.

Genus *Simæthis*.4775. *SIMÆTHIS BUTHUSALIS*.

Simæthis buthusalis, Walker, Cat. Lep. Het. B. M. xxviii, p. 454, (1863).
Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

4776. *SIMÆTHIS ELATELLA*.

Simæthis elatella, Walker, Cat. Lep. Het. B. M. xxviii, p. 455, (1863).
Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

4777. *SIMÆTHIS NOVARÆ*.

Choreutes novaræ, Felder & R. Reise, Novara, pl. 138, fig. 14, (1875).
Moore, Proc. Zool. Soc. Lond., 1877, p. 623.

Nicobar Islands.

4778. *SIMÆTHIS TAPROBANES*.

Simæthis taprobanes, Zeller, Hor. Ent. Ross. xiii, p. 178, (1876).
Moore, Lep. Ceyl. iii, p. 497, (1887).

Ceylon.

[N.B.—The position of the following genus is doubtful]

Genus *Tortricomorpha*.4779. *TORTRICOMORPHA FLAVICEPS*.

Tortricomorpha flaviceps, Felder & R. Reise, Novara, pl. 108, fig. 4,
(1872).

Himalayas.

Sub-Family ATYCHINÆ.

Genus *Phycodes*.4780. *PHYCODES HIRUDINICORNIS*.*Phycodes hirudinicornis*, Guén., Noct. ii, 389, 1249, (1857).*

Walker, Cat. Lep. Het. B. M. xii, p. 979, (1857).

Walsingham, Proc. Zool. Soc. Lond., 1885, p. 881.

Moore, Proc. Zool. Soc. Lond. 1867, p. 63; and 1881, p. 377.

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.

Warren, Proc. Zool. Soc. Lond. 1886, p. 337.

Tegna hyblælla, Walker, loc. cit. xxxv, p. 1810, (1866).

Forsayeth, Trans. Ent. Soc. Lond. 1884, p. 413, pl. 15, fig. 10.

Butler, Proc. Zool. Soc. Lond. 1883, p. 174; and 1886, p. 394.

Collection Swinhoe, Punjab, Kulu, Mhow, Poona.

4781. *PHYCODES MACULATA*.*Phycodes maculata*, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.

Deser. Ind. Lep. Atk. ii, p. 152, (1882).

Darjiling, Punjab.

4782. *PHYCODES MINOR*.*Phycodes minor*, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.

Deser. Ind. Lep. Atk. ii, p. 152, (1882).

Warren, Proc. Zool. Soc. Lond. 1888, p. 337

Collection Swinhoe, Kulu.

4783. *PHYCODES TORTRICINA*.*Phycodes tortricina*, Moore, Proc. Zool. Soc. Lond. 1881, p. 378.

Kanara.

FAMILY TINEIDÆ.

Sub-Family LIPUSINÆ.

Genus *Microcossus*.4784. *MICROCOSsus MACKWOODII*.*Microcossus mackwoodii*, Moore, Lep. Ceyl. iii, p. 498, pl. 208, fig. 9, (1887).

Collection Swinhoe, Ceylon.

Sub-Family TINEINÆ.

Genus *Hapsifera*.4785. *HAPSIFERA DEVIELLA*.*Drosica (?) deviella*, Walker, Cat. Lep. Het. B. M. xxviii, p. 520, (1863).*Hapsifera deviella*, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883,

Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 465.

Collection Swinhoe, Mhow, Poona.

4786. *HAPSIFERA Eburnea*.

Hapsifera eburnea, Butler, Proc. Zool. Soc. Lond. 1881, p. 623.
Collection Swinhoe, Karachi, Punjab.

4787. *HAPSIFERA SECLUSSELLA*.

Cimitra seclusella, Walker, Cat. Lep. Het. B. M. xxix, p. 780, ♀, (1864).
Hapsifera seclusella, Moore, Lep. Ceyl. iii, p. 499, pl. 208, figs. 12 and 13, ♀, (1887).
————— Warren, Proc. Zool. Soc. Lond. 1888, p. 338.
Ceylon, Punjab.

Genus *Euplocamus*.

4788. *EUPLOCAMUS STRIGOSA*.

Euplocamus strigosa, Moore, Descr. Ind. Lep. Atk., p. 281, (1887).
Darjiling.

Genus *Blabophanes*.

4789. *BLABOPHANES INSULARIS*.

Blabophanes insularis, Felder & R. Reise, Novara, pl. 140, fig. 21, ,
(1875).
————— Moore, Proc. Zool. Soc. Lond., 1877, p. 623.
Nicobar and Andaman Islands.

4790. *BLABOPHANES LONGELLA*.

Tinea longella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
Blabophanes longella, Moore, Lep. Ceyl. iii, p. 503, pl. 209, fig. 1, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

Genus *Machæropteris*.

4791. *MACHÆROPTERIS RECEPTELLA*.

Tinea receptella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
Machæropteris receptella, Moore, Lep. Ceyl. iii, p. 502, pl. 208, fig. 14,
(1887).
Ceylon.

Genus *Tinea*.

4792. *TINEA AMANDATELLA*.

Tinea amandatella, Walker, Cat. Lep. Het. B. M. xxviii, p. 480,
(1863).
————— Moore, Lep. Ceyl. iii, p. 501, (1887).
Ceylon.

4793. *TINEA ARENATELLA*.

Tinea arenatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1005, (1864).
————— Moore, Lep. Ceyl. iii, p. 502, (1887).
Ceylon.

4794. *TINEA EGENELLA*.

Tinea (?) egenella, Walker, Cat. Lep. Het. B. M. xxx, p. 1005, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 502, (1887).

Ceylon.

4795. *TINEA FISSELLA*.

Tinea fissella, Walker, Cat. Lep. Het. B. M. xxviii, p. 480, (1863).
 ——— Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4796. *TINEA GLABRELLA*.

Tinea glabrella, Walker, Cat. Lep. Het. B. M. xxviii, p. 478, (1863).
 ——— Butler, Proc. Zool. Soc. Lond., 1881, p. 623.
 ——— Moore, Lep. Ceyl. iii, p. 500, (1887).

Collection Swinhoe, Jhuda and Hydrabad in Sind.
 Also recorded from Ceylon.

4797. *TINEA IMPRESSELLA*.

Tinea impressella, Walker, Cat. Lep. Het. B. M. xxviii, p. 479, (1863).
 ——— Moore, Lep. Ceyl. iii, p. 500, (1887).

Ceylon.

4798. *TINEA LONGICORNIS*.

Tinea longicornis, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 113,
 (1859)
 ——— Walker, Cat. Lep. Het. B. M. xxx, p. 1004, (1864).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Calcutta.

4799. *TINEA PARVULELLA*.

Tinea parvulella, Walker, Cat. Lep. Het. B. M. xxviii, p. 481, (1863).
 ——— Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4800. *TINEA PELLIONELLA*.

Phalæna (Tinea) pellionella, Linn., Syst. Nat., 12th ed., p. 888, (1767).
Tinea pellionella, Fabr. Ent. Syst., 659, (1775).
 ——— Stephens, Ill. Haust. iv, 345, (1834).
 ——— Zeller, Isis, 708, (1838).
 ——— Stainton, Ins. Brit. Tineina, p. 33, (1854).
 ——— Walker, Cat. Lep. Het. B. M. xxviii, p. 468, (1863).
 ——— Staudinger & Wocke, Cat. ii, p. 270, No. 1405, (1871).
 ——— Moore, Lep. Ceyl. iii, p. 500, (1887).

Ceylon, Europe.

4801. *TINEA SACERDOS*.

Tinea sacerdos, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
 Collection Swinhoe, Bombay.

4802. *TINEA SPERNATELLA*.

Tinea spernatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1044, (1864).
Tinea inconcisella, Walker, loc. cit. xxx, p. 1004, (1864). *Nom. precoc.*
 Moore, Lep. Ceyl. iii, p. 501, (1887).

Ceylon.

4803. *TINEA SUBOCHRACELLA*.

Tinea subochraceella, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 464,
 pl. 41, fig. 9.

Collection Swinhoe, Mhow.

4804. *TINEA TAPETZELLA*.

Phalæna (Tinea) tapetiella, Linn., Syst. Nat. x, 536, (1758).
 loc. cit. xii, 888, (1767).
 Clerck, Icones, pl. xi, fig. 12, (1759).
Tinea tapetzella, Müller, Faun. Ins. Frid., p. 56, (1764).
 Stephens, Ill. Haust. iv, p. 343, (1835).
 Stainton, Ins. Brit. Tineina, p. 28, (1854).
 Walker, Cat. Lep. Het. B. M. xxviii, p. 466, (1863).
 Standinger & Wocke, Cat. ii, p. 269, No. 1374, (1871).
 Moore, Lep. Ceyl. iii, p. 499, (1887).

Ceylon, Europe, America, Madeira, New Zealand, Australia.

Genus *Setomorpha*.4805. *SETOMORPHA TINEOIDES*.

Setomorpha tineoides, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 465,
 pl. 44, fig. 8.

Collection Swinhoe, Mhow.

Genus *Eriocottis*.4806. *ERIOCOTTIS FUSCANELLA*.

Eriocottis fuscanelle, Zeller, Isis, p. 813, (1847).
 Walker, Cat. Lep. Het. B. M. xxviii, p. 486, (1863).
 Butler, Proc. Zool. Soc. Lond. 1861, p. 624.

Karachi.

[N.B.—The position of the following Genera is doubtful.]

Genus *Alavona*.4807. *ALAVONA BARBARELLA*.

Alavona barbarella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863).
 Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
 Butler, Ann. Mag. Nat. Hist. (5) v, p. 226, (1880).
 Walsingham, Proc. Zool. Soc. Lond. 1885, p. 882.
 Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.
 Warren, Proc. Zool. Soc. Lond. 1888, p. 338.

Collection Swinhoe, Mhow, Poona.

Also recorded from the Punjab.

4808. *ALAVONA COSSINELLA*.

Alavona cossinella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1817, (1866).
South India.

4809. *ALAVONA COSSUSELLA*.

Alavona cossusella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863);
and xxxv, p. 1816, (1866).

————— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 682.
————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 463.

Collection Swinhoe, Mhow, Poona, Karachi.

4810. *ALAVONA INDECORELLA*.

Alavona indecorella, Walker, Cat. Lep. Het. B. M. xxviii, p. 515, (1863).
————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 464.

Collection Swinhoe, Mhow.

4811. *ALAVONA INTERMEDIELLA*.

Alavona intermediella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1817, (1866).
N. India.

4812. *ALAVONA MINOR*.

Alavona minor, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 464, pl. 41,
figs. 10, 11.

Collection Swinhoe, Mhow.

4813. *ALAVONA TAPROBANA*.

Alavona taprobana, Moore, Lep. Ceyl. iii, p. 503, pl. 208, figs. 7, 8, ♂, ♀,
(1877).

Ceylon.

4814. *ALAVONA THWAITESII*.

Alavona thwaitesii, Moore, Lep. Ceyl. iii, p. 503, pl. 208, figs. 3, 4, ♂, ♀,
(1878).

Ceylon.

Genus *Cervaria*.4815. *CERVARIA XYLINELLA*.

Cervaria xylinella, Walker, Cat. Lep. Het. B. M. xxxv, p. 1823, (1866).
India.

Genus *Porsica*.4816. *PORSICA INGENS*.

Porsica ingens, Walker, Cat. Lep. Het. B. M. xxxv, p. 1823, (1866).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

————— Butler, Ill. Typ. Lep. Het. B. M., pt. vi, p. 21, pl. 104,
fig. 9, (1886).

Collection Swinhoe, Darjiling.

Genus *Toxaliba*.4817. *TOXALIBA REDUCTELLA*.

Toxaliba reductella, Walker, Cat. Lep. Het. B. M. xxviii, p. 516,
(1863).

Nepal.

4818. *TOXALIBA UMBRIPENNIS*.

Toxaliba umbripennis, Moore, Descr. Lep. Ind. Atk., p. 281, (1887).

Darjiling.

Genus *Torna*.4819. *TORNA INVARIELLA*.

Torna invariella, Walker, Cat. Lep. Het. B. M. xxviii, p. 517, (1863).

N. India.

Genus *Casmara*.4820. *CASMARA INFAUSTELLA*.

Casmara infaustella, Walker, Cat. Lep. Het. B. M. xxviii, p. 518, (1863).

N. India.

Genus *Gargetta*.4821. *GARGETTA COSTIGERA*.

Gargetta costigera, Walker, Cat. Lep. Het. B. M. xxxii, p. 455, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 683.

————— Butler, Ill. Typ. Lep. Het. B. M. vi, p. 11, pl. 103,
fig. 6, (1886).

Collection Swinhoe, Darjiling.

Sub-Family MICROPTERYGINÆ.

Genus *Micropteryx*.4822. *MICROPTERYX ACUTIPENNIS*.

Micropteryx (?) *acutipennis*, Walker, Cat. Lep. Het. B. M. xxviii, p. 495,
(1863).

South India.

4823. *MICROPTERYX UNICELLA*.

Micropteryx (?) *unicella*, Walker, Cat. Lep. Het. B. M. xxviii, p. 496,
(1863).

N. India.

Sub-Family ADELINÆ.

Genus *Adela*.4824. *ADELA ATKINSONII*.

Adela atkinsonii, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
Darjiling.

4825. *ADELA CRÆSELLA*.

Tinea crassella, Scopoli, Ent. Carn. No. 648, (1763).
— Staudinger & Wocke, ii, p. 274, No. 1495, (1871).
Tinea sulzella, Schiff, Wien. Verz., p. 143, (1776).
Adela sulzella, Walker, Cat. Lep. Het. B. M. xxviii, p. 409, (1863).
— Moore, 2nd Yark. Miss. Lep., p. 18, (1879).
Kashmir.

4826. *ADELA GEMMELLA*.

Adela gemmella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 81, pl. 11,
fig. 8.
Dharmasala.

4827. *ADELA GRISELLA*.

Adela grisella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 82, pl. 11,
figs. 9, 9 a.
Dharmasala.

4828. *ADELA LATIFASCIELLA*.

Adela latifasciella, Warren, Proc. Zool. Soc. Lond. 1888, p. 338.
Thundiani (Punjab).

Genus *Nemotois*.4829. *NEMOTOIS INDICA*.

Nemotois indica, Walker, Cat. Lep. Het. B. M. xxviii, p. 504, (1863).
South India.

Sub-Family HYPONOMEUTINÆ.

Genus *Hyponomeuta*.4830. *HYPONOMEUTA ALIENELLUS*.

Hyponomeuta alienellus, Walker, Cat. Lep. Het. B. M. xxviii, p. 532,
(1863).
— Moore, Lep. Ceyl. iii, p. 504, (1887).
Ceylon.

4831. *HYPONOMEUTA BRUNNESCENS*.

Hyponomeuta brunnescens, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
Darjiling.

4832. *HYPONOMEUTA LAPIDELLA*.

Hyponomeuta lapidella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 86,
pl. 12, fig. 1.

Dharmasala.

4833. *HYPONOMEUTA LINEATONOTELLA*.

Hyponomeuta lineatonotella, Moore, Proc. Zool. Soc. Lond. 1867, p. 669,
pl. 33, fig. 18.

Collection Swinhoe, Sikkim.

4834. *HYPONOMEUTA MALINELLUS*.

Hyponomeuta malinellus, Zeller, Isis, 1844, p. 220.*
Walker, Cat. Lep. Het. B. M. xxviii, p. 529, (1863).
Walsingham, Proc. Zool. Soc. Lond. 1885, p.
883.

Collection Swinhoe, Poona.

Also recorded from Europe.

4835. *HYPONOMEUTA MILLEPUNCTATELLUS*.

Hyponomeuta millepunctatellus, Warren, Proc. Zool. Soc. Lond. 1888, p.
338.

Kala Pani, Punjab.

4836. *HYPONOMEUTA MINUELLUS*.

Hyponomeuta minuellus, Walker, Cat. Lep. Het. B. M. xxviii, p. 533,
(1863).

Nepal, China.

Genus *Prays*.4837. *PRAYS FLAGIFERELLA*.

Prays (?) flagiferella, Walker, Cat. Lep. Het. B. M. xxviii, p. 540, (1863).
Moore, Lep. Ceyl. iii, p. 505, (1887).

Ceylon.

FAMILY PLUTELLIDÆ.

Sub-Family PLUTELLINÆ.

Genus *Cerostoma*.4838. *CEROSTOMA ALBOFASCIELLA*.

Cerostoma albofasciella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p.
114, (1858-61).
Walker, Cat. Lep. Het. B. M. xxx, p. 1018,
(1864).

Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

Calcutta.

4839. CEROSTOMA RUGOSELLA.

Cerostoma rugosella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 113,
114, (1858-61).

———— Walker, Cat. Lep. Het. B. M. xxx, p. 1017, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.

———— Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.

Collection Swinhoe, Bombay, Poona.

Also recorded from Calcutta.

Sub-Family GELECHINÆ.

Genus *Macrernis*.

4840. MACRERNIS HELIAPTA.

Macrernis heliapta, Meyrick, Trans. Ent. Soc. Lond. 1887, p. 275.

Ceylon.

Genus *Anarsia*.

4841. ANARSIA CANDIDA.

Anarsia candida, Stainton, Trans. Ent. Soc. Lond. v, new ser., p.
114, (1858-61).

———— Walker, Cat. Lep. Het. B. M. xxx, p. 662, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4842. ANARSIA MONETELLA.

Anarsia (?) monetella, Felder & R. Reise, Novara, pl. 139, fig. 19, ♂,
(1875).

———— Moore, Lep. Ceyl. iii, p. 516, (1887).

Ceylon.

Genus *Chelaria*.

4843. CHELARIA INDICA.

Chelaria indica, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.

Collection Swinhoe, Bombay.

Genus *Parasia*.

4844. PARASIA APICIPUNCTELLA.

Parasia (?) apicipunctella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p.
119, (1858-61).

———— Walker, Cat. Lep. Het. B. M. xxx, p. 1028,
(1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

Genus *Gelechia*.4845. *GELECHIA AFFIXELLA*.

Gelechia affixella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4846. *GELECHIA AGNATELLA*.

Gelechia agnatella, Walker, Cat. Lep. Het. B. M. xxix, p. 633, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4847. *GELECHIA ALBATELLA*.

Gelechia albatella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4848. *GELECHIA ALIENELLA*.

Gelechia alienella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4849. *GELECHIA ALTERNELLA*.

Gelechia alternella, Walker, Cat. Lep. Het. B. M. xxx, p. 1023, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4850. *GELECHIA AMICELLA*.

Gelechia amicella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4851. *GELECHIA ANGUSTELLA*.

Gelechia angustella, Walker, Cat. Lep. Het. B. M. xxix, p. 637, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4852. *GELECHIA ANIMOSELLA*.

Gelechia animosella, Walker, Cat. Lep. Het. B. M. xxx, p. 1022, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 509, (1887).

Ceylon.

4853. *GELECHIA APTATELLA*.

Gelechia aptatella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4854. *GELECHIA ARCTELLA*.

Gelechia arctella, Walker, Cat. Lep. Het. B. M. xxix, p. 635, (1864).
 ———— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4855. *GELECHIA CORNUTELLA*.

Gelechia cornutella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
 ———— Moore, Lep. Ceyl. iii, p. 512, (1887).

Ceylon.

4856. *GELECHIA DEDUCTELLA*.

Gelechia deductella, Walker, Cat. Lep. Het. B. M. xxix, p. 631, (1864).
 ———— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4857. *GELECHIA EUCERELLA*.

Gelechia eucerella, Walker, Cat. Lep. Het. B. M. xxix, p. 636, (1864).
 ———— Moore, Lep. Ceyl. iii, p. 510, (1887).

Ceylon.

4858. *GELECHIA HIBISCI*.

Gelechia (?) hibisci, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 117,
 (1858-61).

————— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
 ———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4859. *GELECHIA IMMERITELLA*.

Gelechia immeritella, Walker, Cat. Lep. Het. B. M. xxix, p. 634, (1864).
 ———— Moore, Lep. Ceyl. iii, p. 511, (1887).

Ceylon.

4860. *GELECHIA MARGINIPUNCTELLA*.

Gelechia marginipunctella, Stainton, Trans. Ent. Soc. Lond. v, new ser.,
 p. 118, (1858-61).

————— Walker, Cat. Lep. Het. B. M. xxix, p. 629,
 (1864).

Calcutta.

4861. *GELECHIA NEGATELLA*.

Gelechia negatella, Walker, Cat. Lep. Het. B. M. xxix, p. 631, (1864).
 ———— Moore, Lep. Ceyl. iii, p. 513, (1887).

Ceylon.

4862. *GELECHIA OBLIGATELLA*.

Gelechia obligatella, Walker, Cat. Lep. Het. B. M. xxx, p. 1023, (1864).
 ———— Moore, Lep. Ceyl. iii, p. 506, (1887).

Ceylon.

4863. *GELECHIA PATULELLA*.

Gelechia patulella, Walker, Cat. Lep. Het. B. M. xxix, p. 635, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 510, (1887).
 Ceylon.

4864. *GELECHIA PUBESCENTELLA*.

Gelechia (?) pubescentella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 117, (1858-61).
 ——— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.
 Calcutta.

4865. *GELECHIA SEPOSITELLA*.

Gelechia sepositella, Walker, Cat. Lep. Het. B. M. xxix, p. 630, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 513, (1887).
 Ceylon.

4866. *GELECHIA SIGNIFERA*.

Gelechia signifera, Felder & R. Reise, Novara, pl. 139, fig. 23, ♀, (1875).
 ——— Moore, Lep. Ceyl. iii, p. 508, (1887).
 Ceylon.

4867. *GELECHIA SIMPLICIELLA*.

Gelechia simplicIELLA, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 118, (1858-61).
 ——— Walker, Cat. Lep. Het. B. M. xxix, p. 629, (1864).
 ——— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.
 Calcutta.

4868. *GELECHIA STRENUELLA*.

Gelechia strenuella, Walker, Cat. Lep. Het. B. M. xxix, p. 632, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 512, (1887).
 Ceylon.

4869. *GELECHIA TETRASPILLELLA*.

Gelechia tetraspillella, Walker, Cat. Lep. Het. B. M. xxix, p. 633, (1864).
 ——— Moore, Lep. Ceyl. iii, p. 512, (1887).
Phaeosaces tetraspillella, Meyrick, Trans. Ent. Soc. Lond. 1887, p. 275.
 Ceylon.

4870. *GELECHIA TRANSACTELLA*.

Gelechia transactella, Walker, Cat. Lep. Het. B. M. xxix, p. 630, (1864).
 South India.

4871. *GELECHIA UMBRIPENNIS*.

Gelechia umbripennis, Walsingham, Proc. Zool. Soc. Lond. 1886, p. 684.
 Collection Swinhoe, Poona, Bombay.

Genus *Ypsolophus*.4872. *YPSOLOPHUS ROBUSTUS*.

Ypsolophus robustus, Butler, Proc. Zool. Soc. Lond. 1883, p. 174.
Collection Swinhoe, Karachi, Hubb.

Genus *Strobisia*.4873. *STROBISIA AURANTIACA*.

Strobisia aurantiaca, Walsingham, in Moore's Lep. Ceyl. iii, p. 518, pl. 209, fig. 6, (1887).
Ceylon.

Genus *Meridarchis*.4874. *MERIDARCHIS TRAPEZIELLA*.

Meridarchis trapeziella, Zeller, Stett. Ent. Zeit. 1867, p. 408, pl. 2, fig. 5.
Collection Swinhoe, Darjiling.

Genus *Hermogenes*.4875. *HERMOGENES ALIFERELLA*.

Hermogenes aliferella, Zeller, Stett. Ent. Zeit. 1867, p. 410.
East Indies.

[N.B.—The position of the following genera is doubtful.]

Genus *Tipha*.4876. *TIPHA IRRORELLA*.

Typha irrorella, Walsingham, in Moore's Lep. Ceyl. iii, p. 517, pl. 209, fig. 9, ♂, (1887).
Ceylon.

4877. *TIPHA TINCTELLA*.

Typha tinctella, Walsingham, in Moore's Lep. Ceyl. iii, p. 517, pl. 209, fig. 11, (1887).
Ceylon.

Genus *Binsitta*.4878. *BINSITTA NIVIFERANA*.

Binsitta niviferana, Walker, Cat. Lep. Het. B. M. xxix, p. 832, (1864).
Moore, Proc. Zool. Soc. Lond. 1867, p. 670; and 1877, p. 823.
Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.
Collection Swinhoe, Solun, Calcutta, Bombay.
Also recorded from the Andaman Islands.

Genus *Ippa*.4879. *IPPA VACIVELLA*.

Ippa vacivella, Walker, Cat. Lep. Het. B. M. xxix, p. 781, (1864).
N. India.

Genus *Gerontha*.4880. *GERONTHA CAPTIOSELLA*.

Gerontha captiosella, Walker, Cat. Lep. Het. B. M. xxix, p. 782, (1864).
Moore, Lep. Ceyl. iii, p. 521, (1887).
Ceylon.

Genus *Davendra*.4881. *DAVENDRA FLAVIBASA*.

Davendra flavibasa, Moore, Descr. Ind. Lep. Atk., p. 281, (1887).
Darjiling.

4882. *DAVENDRA MACKWOODII*.

Davendra mackwoodii, Moore, Lep. Ceyl. iii, p. 520, pl. 211, fig. 13, ♀,
(1887).
Ceylon.

Genus *Timyra*.4883. *TIMYRA CINGALENSIS*.

Timyra cingalensis, Walsingham, in Moore's Lep. Ceyl. iii, p. 522, pl. 209,
fig. 12, (1887).
Ceylon.

4884. *TIMYRA PHYCISELLA*.

Timyra phycisella, Walker, Cat. Lep. Het. B. M. xxix, p. 783, ♂, (1864).
Moore, Lep. Ceyl. iii, p. 523, (1887).
Uipsa perionella, Walker, loc. cit. xxix, p. 828, ♀, (1864).
Ceylon.

Genus *Onebala*.4885. *ONEBALA BLANDIELLA*.

Onebala blandiella, Walker, Cat. Lep. Het. B. M. xxix, p. 792, (1864).
Moore, Lep. Ceyl. iii, p. 514, (1887).
Ceylon.

Genus *Gaphara*.4886. *GAPHARA RECITATELLA*.

Gaphara recitatella, Walker, Cat. Lep. Het. B. M. xxix, p. 794, (1864).
Moore, Lep. Ceyl. iii, p. 515, (1887).
Ceylon.

Genus **Ficulea**.4887. **FICULEA BLANDULELLA.**

Ficulea blandulella, Walker, Cat. Lep. Het. B. M. xxix, p. 795, (1864).
 Moore, Lep. Ceyl. iii, p. 515, (1887).
 Ceylon.

Genus **Frisilia**.4888. **FRISILIA NESCIATELLA.**

Frisilia nesciatella, Walker, Cat. Lep. Het. B. M. xxix, p. 796, (1864).
 Moore, Lep. Ceyl. iii, p. 516, (1887).
 Ceylon.

Genus **Decuaria**.4889. **DECUARIA MENDICELLA.**

Decuaria mendicella, Walker, Cat. Lep. Het. B. M. xxix, p. 797, (1864).
 Moore, Lep. Ceyl. iii, p. 518, (1887).
 Ceylon.

Genus **Gæsa**.4890. **GÆSA DECUSELLA.**

Gæsa decusella, Walker, Cat. Lep. Het. B. M. xxix, p. 804, (1864).
 Moore, Lep. Ceyl. iii, p. 518, (1887).
 Ceylon.

Genus **Tipasa**.4891. **TIPASA BASALIELLA.**

Tipasa basaliella, Walker, Cat. Lep. Het. B. M. xxix, p. 805, (1864).
 Moore, Lep. Ceyl. iii, p. 523, (1887).
 Ceylon.

Genus **Gasmara**.4892. **GASMARA CÆLATELLA.**

Gasmara cælatella, Walker, Cat. Lep. Het. B. M., xxx, p. 1040, (1864).
 Moore, Lep. Ceyl. iii, p. 523, (1887).
 Ceylon.

Genus **Gargela**.4893. **GARGELA SUBPURELLA.**

Gargela subpurella, Walker, Cat. Lep. Het. B. M. xxix, p. 815, (1864).
 Moore, Lep. Ceyl. iii, p. 523, (1887).
 Ceylon.

Genus **Thisizima**.4894. **THISIZIMA CERATELLA.**

Thisizima ceratella, Walker, Cat. Lep. Het. B. M. xxix, p. 820, (1864).
 India.

Genus *Cyme*.4895. *CYME ORBICULARIS*.

Cyme (?) *orbicularis*, Felder & B. Reiss, Novara, pl. 140, fig. 27, ♀, (1875).
Syme orbicularis, Moore, Proc. Zool. Soc. Lond. 1877, p. 623.

Nicobar and Andaman Islands.

Genus *Sagora*.4896. *SAGORA RUTILELLA*.

Sagora rutilella, Walker, Char. Undescr. Lep. Het., p. 101, (1869).

————— Moore, Journ. As. Soc. Beng., vol. 53, pt. 2, No. 3, p. 237,
 (1884).

Benares.

Genus *Nosymna*.4897. *NOSYMNA REPLETELLA*.

Nosymna repletella, Walker, Cat. Lep. Het. B.M. xxix, p. 831, (1864).

————— Moore, Journ. As. Soc. Beng., vol. 53, pt. 2, No. 3, p.
 237, (1884).

Nemotha (Cachar), Borneo.

Sub-Family DEPRESSARIINÆ.

Genus *Depressaria*.4898. *DEPRESSARIA ANGUSTA*.

Depressaria angusta, Walsingham, in Moore's Lep. Ceyl. iii, p. 506, pl.
 209, fig. 5, (1867).

Ceylon.

4899. *DEPRESSARIA CONTINCTELLA*.

Depressaria continctella, Walker, Cat. Lep. Het. B.M. xxix, p. 565,
 (1863).

India.

4900. *DEPRESSARIA GOSSYPIELLA*.

Depressaria gossypiella, Saunders, Trans. Ent. Soc. (1) iii, p. 285, (1842).

Collection Swinhoe, Cawnpore (?)

Also recorded from Broach, where it has proved destructive to
 cotton,

4901. *DEPRESSARIA RICINI*.

Depressaria ricini, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 115,
 (1858-61).

————— Walker, Cat. Lep. Het. B.M. xxix, p. 564, (1863).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4902. *DEPRESSARIA RICIINELLA*.

Depressaria ricinella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 116, (1858-61).

————— Walker, Cat. Lep. Het. B. M. xxix, p. 565, (1863).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

4903. *DEPRESSARIA STYGMELLA*.

Depressaria stygmella, Moore, Ann. Nat. Hist. (5) i, p. 237, (1878).

————— 2nd Yark. Miss. Lep., p. 17, (1879).

Kashgar.

4904. *DEPRESSARIA SWINHOEI*.

Depressaria swinhoei, Butler, Proc. Zool. Soc. Lond. 1883, p. 174.

————— } Walsingham, Proc. Zool. Soc. Lond. 1885, p. 884.

————— Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 465.

Collection Swinhoe, Mhow, Poona.

4905. *DEPRESSARIA ZIZYPHI*.

Depressaria zizyphi, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 115, (1858-61).

————— Walker, Cat. Lep. Het. B. M. xxix, p. 564, (1863).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

Sub-Family CRYPTOLECHIINÆ.

Genus *Cryptolechia*.4906. *CRYPTOLECHIA DILUTICORNIS*.

Cryptolechia diluticornis, Walsingham, in Moore's Lep. Ceyl. iii, p. 519, pl. 209, fig. 7, (1887).

Ceylon.

4907. *CRYPTOLECHIA INTERMEDIA*.

Cryptolechia intermedia, Felder & R. Reise, Novara, pl. 139, fig. 13, ♂, (1875).

————— Moore, Lep. Ceyl. iii, p. 519, (1887).

Ceylon.

4908. *CRYPTOLECHIA PALPALIS*.

Cryptolechia palpalis, Zeller, Hor. Ent. Ross. xiii, p. 275, (1877).*

Bengal.

4909. *CRYPTOLECHIA SPILOTELLA*.

Cryptolechia spilotella, Walker, Cat. Lep. Het. B. M. xxix, p. 746, (1864).

————— Moore, Lep. Ceyl. iii, p. 519, (1887).

Ceylon.

4910. *CRYPTOLECHIA TRIPUSTULATA*.

Cryptolechia tripustulata, Walsingham, in ^{*}Moore's Lep. Ceyl. iii, p. 520,
pl. 209, fig. 8, (1887).
Ceylon.

Sub-Family *CECOPHORINÆ*.Genus *Psecadia*.4911. *PSECADIA ERMINEELLA*.

Psecadia ermineella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 90, pl.
12, fig. 7.
Dharmasala.

4912. *PSECADIA HOCKINGELLA*.

Psecadia hockingella, Walsingham, Proc. Zool. Soc. Lond. 1880, p. 90, pl.
12, figs. 8, 9, 9a.
Collection Swinhoe, Dharmasala, Kulu.

Genus *Cecophora*.4913. *CECOPHORA SUBGANOMELLA*.

Cecophora subganomella, Stainton, Trans. Ent. Soc. Lond. v, new ser.,
p. 119, (1858-61).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.
Calcutta.

[*N.B.*—The position of the following genera is doubtful.]

Genus *Atteva*.4914. *ATTEVA IMPARIGUTTELLA*.

Ceta impariguttella, Zeller, Horæ Ent. Soc. Ross. 1877, p. 224, pl. 3,
fig. 77.*
Atteva impariguttella, Moore, Lep. Ceyl. iii, p. 505, pl. 209, fig. 2,
(1887).
Ceylon.

4915. *ATTEVA NIVEIGUTTA*.

Atteva niveigutta, Walker, Cat. Lep. Het. B. M. ii, p. 526, (1854).
————— Moore, Proc. Zool. Soc. Lond. 1867, p. 669.
Collection Swinhoe, Sylhet.

4916. *ATTEVA NIVEIGUTTELLA*.

Corinea niveiguttella, Walker, Cat. Lep. Het. B. M. xxviii, p. 542, (1863).
Atteva niveiguttella, Walsingham, Proc. Zool. Soc. Lond. 1885, p. 883.
Collection Swinhoe, Nilgiri Hills, Bombay.
Also recorded from Ceylon, Java, Australia.

4917. ATTEVA PULCHELLA.

Atteva pulchella, Moore, Descr. Ind. Lep. Atk., p. 282, (1887).
India.

Genus *Azinis*.

4918. AZINIS ASSAMENSIS.

Hyponomeuta assamensis, Butler, Trans. Ent. Soc. Lond. 1879, p. 6.
Azinis assamensis, Warren, Proc. Zool. Soc. Lond. 1888, p. 338.
Cachar, Punjab.

4919. AZINIS HILARELLA.

Azinis hilarella, Walker, Cat. Lep. Het. B. M. xxviii, p. 542, (1863).
Moore, Lep. Ceyl. iii, p. 506, pl. 309, fig. 3, (1887).
Collection Swinhoe, Ceylon.

Genus *Theoxenia*.

4920. THEOXENIA PENICILLATA.

Theoxenia penicillata, Walsingham, in Moore's Lep. Ceyl. iii, p. 506, pl. 209, fig. 4, ♂, (1887).
Collection Swinhoe, Ceylon.

Sub-Family GLYPHYPTERYGINÆ.

Genus *Glyphypteryx*.

4921. GLYPHYPTERYX APPARITELLA.

Glyphypteryx apparitella, Walker, Cat. Lep. Het. B. M. xxx, p. 839, (1864).
Moore, Lep. Ceyl. iii, p. 524, (1887).
Ceylon.

4922. GLYPHYPTERYX SCITULELLA.

Glyphypteryx scitulella, Walker, Cat. Lep. Het. B. M. xxx, p. 839, (1864).
Moore, Lep. Ceyl. iii, p. 524, (1887).
Ceylon.

Sub-Family GRACILARINÆ.

Genus *Gracilaria*.

4923. GRACILARIA AURICILLA.

Gracilaria (?) auricilla, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 120, (1858-61).
Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).
-- Moore, Proc. Zool. Soc. Lond. 1867, p. 671.
Calcutta.

4924. GRACILARIA COFFEIFOLIELLA.

Gracilaria coffeifoliella, Nietner, Obs. on Enemies of Coffee Tree in Ceylon,
p. 24, (1861).*

_____ *loc. cit.*, new ed., p. 16, (1880).

_____ Moore, Lep. Ceyl. iii, p. 525, (1887).

Ceylon.

4925. GRACILARIA FALCATELLA.

Gracilaria (?) falcatella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p.
121, (1858-61).

_____ Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4926. GRACILARIA GEMONIELLA.

Gracilaria gemoniella, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 297,
pl. 10, fig. 6, (1862-64).

_____ Walker, Cat. Lep. Het. B. M. xxx, p. 854, (1864).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4927. GRACILARIA NITIDULA.

Gracilaria nitidula, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 299, pl.
10, fig. 9, (1862-64).

_____ Walker, Cat. Lep. Het. B. M. xxx, p. 855, (1864).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4928. GRACILARIA QUADRIFASCIATA.

Gracilaria quadrifasciata, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser.,
p. 295, pl. 10, fig. 5, (1862-64).

_____ Walker, Cat. Lep. Het. B. M. xxx, p. 854, (1864).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4929. GRACILARIA RESPLENDENS.

Gracilaria resplendens, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 294,
pl. 10, fig. 4, (1862-64).

_____ Walker, Cat. Lep. Het. B. M., xxx, p. 854, (1864).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4930. GRACILARIA TERMINALIS.

Gracilaria terminalis, Stainton, Trans. Ent. Soc. Lond. i, 3rd ser., p. 298,
pl. 10, fig. 8, (1862-64).

_____ Walker, Cat. Lep. Het. B. M. xxx, p. 854, (1864).

_____ Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4931. GRACILARIA USTULATELLA.

Gracilaria (?) ustulatella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 121, (1858-61).

———— Walker, Cat. Lep. Het. B.M. xxx, p. 855, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Genus *Coriscium*.

4932. CORISCIMUM ORIENTALE.

Coriscium orientale, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 301, (1854-56).

———— Walker, Cat. Lep. Het. B.M. xxx, p. 859, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Genus *Ornix*.

4933. ORNIX ALBIFRONS.

Ornix (?) albifrons, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 122, (1858-61).

———— Walker, Cat. Lep. Het. B.M. xxx, p. 861, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Sub-Family LAVERNINÆ.

Genus *Laverna*.

4934. LAVERNA MIMOSÆ.

Laverna (?) mimosæ, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 126, (1858-61).

India.

Sub-Family ELACHISTINÆ.

Genus *Butalis*.

4935. BUTALIS TRIOCELLATA.

Butalis triocellata, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 120, (1858-61).

———— Walker, Cat. Lep. Het. B. M., xxx, p. 1035, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 670.

Calcutta.

Genus *Cosmopteryx*.

4936. COSMOPTERYX ÆNEELLA.

Cosmopteryx æneella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 124, (1858-61).

———— Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

4937. COSMOPTERYX ASIATICA.

Cosmopteryx asiatica, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 122, (1858-61).

———— Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

4938. COSMOPTERYX SEMICOCCINEA.

Cosmopteryx semicoccinea, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 123, (1858-61).

———— Walker, Cat. Lep. Het. B. M., xxx, p. 1042, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

[N. B.—The position of the following genera is doubtful.]

Genus *Eretmocera*.

4939. ERETMOCCERA IMPACTELLA.

Gelechia (?) impactella, Walker, Cat. Lep. Het. B. M., xxix, p. 637, (1864).

Eretmocera impactella, Moore, Lep. Ceyl. iii, p. 514, pl. 209, fig. 10, (1887).

N. India, Ceylon.

Genus *Atkinsonia*.

4940. ATKINSONIA CLERODENDRONELLA.

Atkinsonia clerodendronella, Stainton, Trans. Ent. Soc. Lond. v, new ser., p. 125, (1858-61).

———— Walker, Cat. Lep. Het. B. M., xxx, p. 900, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

Genus *Lozostoma*.

4941. LOZOSTOMA FLAVOFASCIATA.

Lozostoma flavofasciata, Stainton, Trans. Ent. Soc. Lond., v, new ser., p. 124, (1858-61).

———— Walker, Cat. Lep. Het. B. M., xxx, p. 1041, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

4942. LOZOSTOMA SEMISULPHUREA.

Lozostoma semisulphurea, Stainton, Trans. Ent. Soc. Lond., v, new ser., p. 125, (1858-61).

———— Walker, Cat. Lep. Het. B. M., xxx, p. 1041, (1864).

———— Moore, Proc. Zool. Soc. Lond. 1867, p. 671.

Calcutta.

Sub-Family LITHOCOLLETINÆ.

Genus *Lithocolletis*.

4943. LITHOCOLLETIS BAUHINIE.

Lithocolleta bauhinia, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 303, (1854-56).

————— Walker, Cat. Lep. Het. B. M. xxx, p. 911, (1864)

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

Sub-Family LYONETINÆ.

Genus *Phyllocnistis*.

4944. PHYLLOCNISTIS CITRELLA.

Phyllocnistis citrella, Stainton, Trans. Ent. Soc. Lond. iii, new ser., p. 302, (1854-56).

————— Walker, Cat. Lep. Het. B. M. xxx, p. 1043, (1864).

————— Moore, Proc. Zool. Soc. Lond. 1867, p. 672.

Calcutta.

Genus *Opogona*.

4945. OPOGONA FUMICEPS.

Opogona fumiceps, Felder & R. Ruse, Novara, pl. 139, fig. 8, ♂, (1875).

————— Moore, Lep. Ceyl. iii, p. 526, (1887).

Ceylon.

[N B —The position of the following genus is doubtful.]

Genus *Cachura*.

4946. CACHURA OBJECTELLA.

Cachura objectella, Walker, Cat. Lep. Het. B. M. xxx, p. 918, (1864).

————— Moore, Lep. Ceyl. iii, p. 526, (1887)

Ceylon.

ADDENDA.

FAMILY SPHINGIDÆ.

4A. *HEMARIS SIMILLIMA.*

Hemaris simillima, Moore, Proc. Zool. Soc. Lond. 1888, p. 391.
Kangra Valley.
Allied to *H fuciformis*.

7. *RHOPALOPSYCHE BIFASCIATA.*

Collection Swinhoe, Nilgiri Hills.

10. *MACROGLOSSA INSIPIDA.*

Collection Swinhoe, Nilgiri Hills.

11. *MACROGLOSSA AFFICTITIA.*

Collection Swinhoe, Nilgiri Hills.

12. *MACROGLOSSA VIALIS.*

Collection Swinhoe, Nilgiri Hills.

15. *MACROGLOSSA FERVENS.*

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

19. *MACROGLOSSA LUTEATA.*

Collection Swinhoe, Andaman Islands.

25. *MACROGLOSSA GILIA.*

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

32. *MACROGLOSSA RECTIFASCIA.*

Collection Swinhoe, Nilgiri Hills.

49. *AMPELOPHAGA FASCIOSA.*

Ampelophaga fasciosa, Moore, Proc. Zool. Soc. Lond. 1883, p. 391.
Dharmasala.

Genus *Dahira*.61A. *DAHIRA RUBIGINOSA*.

Dahira rubiginosa, Moore, Proc. Zool. Soc. Lond. 1888, p. 391.
Mundi (N.-W. Himalayas).

65. *PANACRA AUTOMEDON*.

In Phayre Museum (Rangoon) from Pegu.

69. *PANACRA VARIOLOSA*.

Collection Swinhoe, Sikkim.

77. *CYPA INCONGRUENS*.

Collection Swinhoe, Sikkim.

83. *CHÆROCAMPA ALECTO*.

Collection Swinhoe, Ceylon.

84. *CHÆROCAMPA ELEGANS*.

Collection Swinhoe, Rangoon.

86. *CHÆROCAMPA RAFFLESII*.

Collection Swinhoe, Nilgiri Hills.

92. *CHÆROCAMPA PUELLARIS*.

Collection Swinhoe, Solun (Simla).

93. *CHÆROCAMPA SILHETENSIS*.

Collection Swinhoe, Sikkim.
In Phayre Museum (Rangoon) from Pegu.

95. *CHÆROCAMPA LUCASII*.

Collection Swinhoe, Rangoon.

96. *CHÆROCAMPA TENEBROSA*.

Collection Swinhoe, Andaman Islands.

102. *CHÆROCAMPA MINOR*.

Collection Swinhoe, Darjiling.

107. *CHÆROCAMPA EROTUS*.

Collection Swinhoe, Andaman Islands.

110. *DEILEPHILA LATHYRUS*.

Collection Swinhoe, Kumaon.

113. *DAPHNIS HYPOTHËUS*.

Collection Swinhoe, Andaman Islands.

115. *DAPHNIS BHAGA*.

Collection Swinhoe, Sikkim.

122. *AMBULYX SERICEIPENNIS*.

Collection Swinhoe, Andaman Islands.

127A. *AMBULYX PLACIDA*.*Ambulyx placida*, Moore, Proc. Zool. Soc. Lond. 1888, p. 390.

N.-W. Himalayas.

Allied to *A. sericeipennis*.132. *POLYPTICHUS DENTATUS*.

Collection Swinhoe, Poona, Belgaum, Bombay, Mhow, Karachi.

133. *POLYPTICHUS TIMESIUS*.

Collection Swinhoe, Sikkim.

133A. *POLYPTICHUS TRILINEATUS*.*Polyptichus trilineatus*, Moore, Proc. Zool. Soc. Lond. 1888, p. 390.

Dharmasala.

Allied to *P. dentatus* and *P. timesius*.134. *LEUCOPHLEBIA ROSACEA*.

Collection Swinhoe, Nilgiri Hills.

172. *PSEUDOSPHINX FO*.

Collection Swinhoe, Sikkim.

GROUP BOMBYCES.

FAMILY ÆGERIDÆ.

188. *SPHECIA CONTRACTA*.

Collection Swinhoe, Sibsaghar.

192. *ÆGERIA ALTERNA*.

Collection Swinhoe, Rangoon.

196. *MELITTIA BOMBYLIFORMIS*.

Collection Swinhoe, Rangoon.

199A. *MELITTIA KULLUANA*.*Melittia kulluana*, Moore, Proc. Zool. Soc. Lond. 1888 p. 392.

Kulu.

Allied to *M. nepcha*.208. *SCIAPTERON SIKKIMA*.

Collection Swinhoe, Rangoon.

FAMILY ZYGÆNIDÆ.
221. *SYNTOMIS ARTINA*.

Collection Swinhoe, Nilgiri Hills.

223. *SYNTOMIS ATKINSONI*.

Collection Swinhoe, Mergui, Rangoon.

237. *SYNTOMIS EXTENSA*.

I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills.

240. *SYNTOMIS GEORGINA*.

Collection Swinhoe, Travancore.

241. *SYNTOMIS GODARTI*.

Collection Swinhoe, Nilgiri Hills.

252A. *SYNTOMIS MINOR*.*Syntomis minor*, Warren, Proc. Zool. Soc. Lond. 1888, p. 294.

Collection Swinhoe, Abbottabad (Punjab).

274. *ERESSA MUSA*.

Collection Swinhoe, Alibagh.

275. *ERESSA SUBAURATA*.

Collection Swinhoe, Calcutta.

276. *DYSAUXES INDICA*.

I. M., Calcutta.

283A. *EUCHROMIA FRATERNA*.

Euchromia fraterna, Batler, Journ. Linn. Soc. Lond. 1876, p. 364.
 ———, Trans. Ent. Soc. Lond. 1888, p. 114.
 Moulmein.

299. *ARTONA ZEBRAICA*.

Collection Swinhoe, Rangoon.

FAMILY AGARISTIDÆ.

310. *EUSEMIA ALBOMARGINATA*.

Collection Swinhoe, Andaman Islands.

314. *EUSEMIA BASALIS*.

Collection Swinhoe, Sikkim.

324. *EUSEMIA MACULATRIX*, *var.*

Collection Swinhoe, North Kanara, Nilgiri Hills.

337. *EUSEMIA VULCANIA*.

Collection Swinhoe, Prome (Burma).

345. *ÆGOCERA BIMACULA*.

Collection Swinhoe, North Kanara.

347. *ÆGOCERA TRIPARTITA*.

Collection Swinhoe, Thyetmyo (Burma).

FAMILY CHALCOSIIDÆ.

356. *EPIGOPHIA PHILENORA*.

Collection Swinhoe, Darjiling.

360. *PHILOPATOR BASIMACULATA*.

Collection Swinhoe, Sikkim.

361. *CADPHISES MACULATA*.

Collection Swinhoe, Sikkim.

389. *HETERUSIA VIRESCENS*.

Collection Swinhoe, Nilgiri Hills.

418. *EPYRGIS IMITANS*.

Collection Swinhoe, Karen Hills.

420. *EPYRGIS PARVULA*.

Collection Swinhoe, Nilgiri Hills.

451. *CHELURA BIFASCIATA*.

I. M., Naini Tal.

458. *THYMARA CAUDATA*.

Collection Swinhoe, Nilgiri Hills.

FAMILY NYCTEMERIDÆ.
462. *NYCTEMERA COLETA*.

Collection Swinhoe, Rangoon.

469. *PITASILA VARIANS*.

Collection Swinhoe, Rangoon, Andaman Islands.

471. *TRYPPHEROMERA FLAGIFERA*.

Collection Swinhoe, Nilgiri Hills.

472. *LEPTOSOMA LATISTRIGA*.

Collection Swinhoe, Bassein, (Burma), Rangoon.

478. *CUROBA SANGARIDA*.

Collection Swinhoe, Nilgiri Hills.

FAMILY CALLIDULIDÆ.
480. *CALLIDULA ANCHORA*.*Callidula anchora*, Moore, Proc. Zool. Soc. Lond. 1888, p. 392

FAMILY PSYCHIDÆ.

Genus *Psyche*.

491A. *PSYCHE LONGICAUDA*.

Psyche longicauda, Warren, Proc. Zool. Soc. Lond. 1888, p. 299.
Campbellpur (Punjab).

Genus *Akesina*.

491B. *AKESINA BASALIS*.

Akesina basalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 396.
Dharmasala.

Genus *Barandra*.

491C. *BARANDRA FUMATA*.

Barandra fumata, Moore, Proc. Zool. Soc. Lond. 1888, p. 396.
Dharmasala.

496A. *MAHASENA HOCKINGII*.

Mahasena hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 397.
Dharmasala.

Genus *Dasaratha*.

497A. *DASARATHA HIMALAYANA*.

Dasaratha himalayana, Moore, Proc. Zool. Soc. Lond. 1888, p. 397.
Dharmasala.

FAMILY NYCTEOLIDÆ.

502A. *EARIAS SULPHURARIA*.

Earias sulphuraria, Moore, Lep. Ceyl. iii, p. 490, pl. 208, fig. 10, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

FAMILY LITHOSIIDÆ.

Sub-Family *HYP SINÆ*.

520. *HYP SA LACTEATA*.

Collection Swinhoe, Rangoon.

528. *DAMALIS ALCIPHRON*.

Collection Swinhoe, Rangoon, Calcutta, Nilgiri Hills.

550. *DIGAMA INSULANA*.

Collection Swinhoe, Nilgiri Hills.

551. *DIGAMA MARCHALLI*.

Collection Swinhoe, Nilgiri Hills.

Sub-Family LITHOSIINÆ.

593. *CAPISSA PALLENS*.

Collection Swinhoe, Kurseong.

624. *BRUNIA ANTICA*.

I. M., Calcutta.

Collection Swinhoe, Bombay, Thanna.

639A. *RÆSELIA ANGULATA*.*Ræselia angulata*, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Dharmasala.639B. *RÆSELIA FRATERNÆ*.*Ræselia fraterna*, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Kulu.640A. *RÆSELIA SCRIPTA*.*Ræselia scripta*, Moore, Proc. Zool. Soc. Lond. 1888, p. 393.
Dharmasala.643. *NEPITA ANILA*.

I. M., Ranchi.

648. *NEPITA OCHRACEA*.

Collection Swinhoe, North Kanara.

649. *NEPITA SEMIFASCIA*.

Collection Swinhoe, Nilgiri Hills.

649A. *SETINA CALAMARIA*.*Setina calamaria*, Moore, Proc. Zool. Soc. Lond. 1888, p. 392.
Palampore.

676. *LYCENE ARTOCARPI.*

Collection Swinhoe, Calcutta.

706. *BARSINE RUBRICOSA.*

Collection Swinhoe Nilgiri Hills.

710A. *ÆMENE INCONSTANS.**Æmene inconstans*, Moore, Proc. Zool. Soc. Lond. 1888, p. 303.
Dharmasala.711A. *ÆMENE SAGITTIFERA.**Æmene sagittifera*, Moore, Proc. Zool. Soc. Lond. 1888, p. 392.
Dharmasala.715. *ÆMENE TAPROBANIS.*I. M., Ranchi.
Collection Swinhoe, Nilgiri Hills.733. *PENTACITROTUS VULNERATUS.**Pentacitrotus vulneratus*, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 295.
Thundiani (Punjab).741. *ARGINA ARGUS.*

Collection Swinhoe, Nilgiri Hills.

749. *ARGINA SYRINGA.*I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

FAMILY ARCTIIDÆ.

759A. *SPILOSOMA SANGAICA.**Spirosoma sangaica*, Walker, Cat. Lep. Het. B. M. xxi, p. 294, (1864).
Warren, Proc. Zool. Soc. Lond. 1888, p. 296.
Murree, China.762. *PHISSAMA TRANSIENS.*

Collection Swinhoe, Nilgiri Hills, Rangoon.

765. *-RHODOGASTRIA FEATERNÆ.*

Collection Swinhoe, Karachi.

770. *THYRGORINA SPILOSOMATA.**Thyrgorina spilosomata*, Walker.

Warren, Proc. Zool. Soc. Lond. 1888, p. 297.

Abbottabad (Punjab).

771. *BUCCEA SIMPLEX.*

Collection Swinhoe, Khandalla, North Kanara.

773. *TINOLIUS EBURNEIGUTTA.*

Collection Swinhoe, Rangoon, Andaman Islands.

774. *PHARETRA CONSANGUIS.*

Collection Swinhoe, Solun (Simla), Rangoon.

784. *GLANYCUS INSOLITUS.*

Collection Swinhoe, Sikkim.

785. *GLANYCUS TRICOLOR.*

Collection Swinhoe, Darjiling.

791. *RAJENDRA KHANDALLA.*

Collection Swinhoe, Khandalla, Nilgiri Hills.

795. *RAJENDRA SIPAHI.*

Collection Swinhoe, Bombay, Mahableshtar.

797. *RAJENDRA VITIATA.*

I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills.

800. *HYPERCOMPA FLAVICOLOR.*

Collection Swinhoe, Dras.

829. *SPILARCTIA CASIGNETA.*

Collection Swinhoe, Nilgiri Hills.

830. *SPILARCTIA CONFUSA.*

Collection Swinhoe, Nilgiri Hills.

830A. *SPILARCTIA DALBERGIE.**Spilarctia dalbergie*, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.

Dharmasala.

Allied to *S. stigmata*.

837. SPILARCTIA INDICA.

Collection Swinhoe, Nilgiri Hills.

843A. SPILARCTIA SAGITTIFERA.

Spilarctia sagittifera, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.

Dharmasala.

Allied to *S. casigneta*.

848. SPILARCTIA TODARA.

I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills.

855A. CHALLA QUADRIMACULATA.

Challa quadrimaculata, Moore, Proc. Zool. Soc. Lond. 1886, p. 395.

Palampore

Allied to *C. bimaculata*.

861A. ICAMBOSIDA DORSALIS.

Icambosida dorsalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 394.

Dharmasala.

FAMILY LIPARIDÆ.

878A. CHARNIDAS AURANTIACA.

Charnidas aurantiaca, Warren, Proc. Zool. Soc. Lond. 1888, p. 296.

Attock.

880. CHARNIDAS LITURA.

Collection Swinhoe, Kasaoli, Kulu.

882. CHARNIDAS PLANA.

Collection Swinhoe, Calcutta, Nilgiri Hills.

884. CHARNIDAS SUBNOTATA.

Collection Swinhoe, Ceylon.

898. GENUSA TERMINATA.

Collection Swinhoe, Karen Hills.

902. *ARTAXA APICALIS*.

Collection Swinhoe, Nilgiri Hills.

908. *ARTAXA DIGRAMMA*.

I. M., Ranchi.

Collection Swinhoe, Ceylon.

918. *ARTAXA SUBFASCIATA*.

Collection Swinhoe, Nilgiri Hills.

918A. *ARTAXA SULPHURESCENS*.

Artaxa sulphurescens, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.

Dharmasala.

Allied to *A. trifasciata*.

921. *ARTAXA VARIANS*.

Collection Swinhoe, Nilgiri Hills.

924. *SOMENA SCINTILLANS*.

In Phayre Museum (Rangoon), from Rangoon.

930. *PORTHESIA SUBDITA*.

Collection Swinhoe, Travancore.

932A. *EUPROCTIS ABDOMINALIS*.

Euproctis abdominalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 398.

Dharmasala.

Allied to *E. postica*.

950. *EUPROCTIS POSTICA*.

Collection Swinhoe, Poona, Nilgiri Hills.

969. *CHÆROTRICHA MARGINATA*.

Collection Swinhoe, Kurseong.

979A. *DASYCHIRA DALBERGIE*.

Dasychira dalbergiæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 399.

Dharmasala, Masuri.

Allied to *D. inclusa*.

983. *DYSACHIRA KAUSALIA*.

I. M., Ranchi.

1003. *LYMANTRIA BEATRIX*.

I. M., Ranchi.

1004A. *LYMANTRIA CARNECOLOR*.*Lymantria carnesolor*, Moore, Proc. Zool. Soc. Lond. 1886, p. 399.

Dharmasala.

Allied to *L. concolor*.1012A. *LYMANTRIA NIGRA*.*Lymantria nigra*, Moore, Proc. Zool. Soc. Lond. 1886, p. 399.

Kangra Valley.

Allied to *L. beatrix* and *L. pusilla*.1030. *ENOME INCERTA*.

Collection Swinhoe, Nilgiri Hills.

1031. *PSEUDOMESA QUADRIPLAGIATA*.

Collection Swinhoe, Sikkim.

1053. *REDOA LACTEA*.

Collection Swinhoe, Nilgiri Hills.

1069A. *PROCODECA UMBRINA*.*Procodeca umbrina*, Moore, Proc. Zool. Soc. Lond. 1886, p. 398.

Kulu.

Genus *Lachana*.1071A. *LACHANA LADAKENSIS*.*Lachana ladakensis*, Moore, Proc. Zool. Soc. Lond. 1886, p. 398.

Ladak.

FAMILY NOTODONTIDÆ.

Sub-Family CAREINÆ.

1114. *SYBRIDA INORDINATA*.

Collection Swinhoe, Sikkim.

1118. *DABARITA SUBTILIS*.

Collection Swinhoe, North Kanara.

1120. *CAREA OBSOLESCENS*.

Collection Swinhoe, Mahableshtar, Purundhur, Nilgiri Hills.

Sub-Family DICRANURINÆ.

1124. *CERURA HIMALAYANA*.

Cerura Himalayana, Moore, Proc. Zool. Soc. Lond. 1888, p. 400.
Dharmasala.

1130A. *STAUIOPUS BERBERISÆ*.

Stauiopus berberisæ, Moore, Proc. Zool. Soc. Lond. 1888, p. 400.
Dharmasala, Umballa.

Sub-Family NOTODONTINÆ.

1139. *SPHETTA APICALIS*.

Collection Swinhoe, Sikkim.

1164. *LOPHOPTERYX SATURATA*.

Collection Swinhoe, Kurseong.

1168A. *HETEROCAMPA BASISTRIGA*.

Heterocampa basistriga, Moore, Proc. Zool. Soc. Lond. 1888, p. 400.
Dharmasala.

Genus *Varmina*.

1177. *VARMINA INDICA*.

Varmina indica, Moore, Proc. Zool. Soc. Lond. 1888, p. 405.
Dharmasala, Umballa.

1182. *PYDNA FASCIATA*.

Collection Swinhoe, Sikkim.

1195. *ICHTHYURA FULGURITA*.

Collection Swinhoe, Nilgiri Hills.

1198. *INGURA CRISTATRIX*.

Collection Swinhoe, Andaman Islands.

1207A. *PHEOSIA FASCIATA*.

Pheosia fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.
Dharmasala.

1215. *NETRIA VIRIDESCENS*.

Collection Swinhoe, Sikkim.

Sub-Family CALPINÆ.

1218. *CALPE BICOLOR*.

Collection Swinhoe, Sikkim.

1222. *CALPE ORTHOGRAFTA*.

Collection Swinhoe, Darjiling.

1225. *OBÆSIA EMARGINATA*.

Collection Swinhoe, Rangoon, Nilgiri Hills.

1233. *AMBADREA ERNESTINA*.

I. M., Ranchi.

Collection Swinhoe, Calcutta.

FAMILY DREPANULIDÆ.

1238A. *DREPANA HYALINA*.*Drepana hyalina*, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.

Dharmasala.

1238B. *DREPANA LILACINA*.*Drepana lilacina*, Moore, Proc. Zool. Soc. Lond. 1888, p. 401.

Dharmasala.

1242A. *DREPANA SIMILLIMA*.*Drepana simillima*, Moore, Proc. Zool. Soc. Lond. 1888, p. 402.

Dharmasala.

Allied to *D. lilacina*.1258A. *ARGYRIS CINEREA*.*Argyris cinerea*, Butler, Proc. Zool. Soc. Lond. 1886, p. 387, pl. 35, fig. 3.*Problepis cinerea*, Warren, Proc. Zool. Soc. Lond. 1888, p. 298.

Campbellpur (Punjab).

1259. *ARGYRIS DELIARIA*.

Collection Swinhoe, Nilgiri Hills.

FAMILY LIMACODIDÆ.

1273. NATADA RUFESCENS.

Collection Swinhoe, Rangoon.

1280A. PARASA BANDURA.

Parasa bandura, Moore, Cat. Lep. E. I. C. ii, p. 417, pl. 11 a, fig. 9,
(1859).

Collection Swinhoe, Rangoon.

Also recorded from Java.

1281. PARASA BICOLOR.

Collection Swinhoe, Bassein (Burma).

1282A. PARASA HOCKINGII.

Parasa hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.

Kangra Valley.

1284. PARASA LETA.

Collection Swinhoe, Thyetmyo (Burma), Poona, Nilgiri Hills.

1286A. PARASA LESA.

Parasa lesa, Moore, Cat. Lep. E. I. C. ii, p. 417, pl. 11 a, fig. 12, ♀, (1859)

Collection Swinhoe, Thyetmyo (Burma).

Also recorded from Java.

1290. PARASA REPANDA.

Collection Swinhoe, Sibsagar.

1296A. APHENDALA FASCIATA.

Aphendala fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.

Dharmasala.

1304. SUSICA SIGNATA.

Collection Swinhoe, Ceylon.

1305. MIRESA ALBIPUNCTA.

Collection Swinhoe, Poona.

1315A. MIRESA QUADRINOTATA.

Miresa quadrinotata, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.

Kangra, Kulu.

1315B. *MIROSA SUFFUSA*.

Mirsa suffusa, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.
Dharmasala.

1318. *NAROSA ADALA*.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

FAMILY LASIOCAMPIDÆ.

1346. *GANISA PLANA*.

I. M., Sikkim.

1347. *GANISA POSTICA*.

Collection Swinhoe, North Kanara.

1351. *APONA PLUMOSA*.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

1352. *APONA SHEVAROYENSIS*.

Collection Swinhoe, Nilgiri Hills.

1381. *EUPTEROTE DIABOLICA*.

Collection Swinhoe, Khandalla, Poona.

1385A. *EUPTEROTE FRATERNA*.

Eupterote fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.
Dharmasala.
Allied to *E. invalida*.

1392. *EUPTEROTE LATIVITTATA*.

Collection Swinhoe, North Kanara.

1394. *EUPTEROTE MOLLIFERA*.

Collection Swinhoe, Nilgiri Hills.

1403. *EUPTEROTE SIMILIS*.

I. M., Calcutta.

1413. SPALYRIA ADOLPHUS.

Collection Swinhoe, Nilgiri Hills.

1414. SPALYRIA COLLARIS.

Collection Swinhoe, Nilgiri Hills.

1423. SANGATISSA CITRINULLA.

Collection Swinhoe, Nilgiri Hills.

1438. NISAGA SIMPLEX.

Collection Swinhoe, Nilgiri Hills.

1440. LENODORA FASCIATA.

I. M., Nilgiri Hills.

Collection Swinhoe, Nilgiri Hills.

1444. LENODORA VITTATA.

I. M., Nilgiri Hills.

Collection Swinhoe, Raipur (Central Provinces), Nilgiri Hills.

1499A. ESTIGENA PARDALE.

Estigena pardale, Moore, Cat. Lep. E. I. C. ii, p. 426, pl. 13 a, fig. 1, ♂,
1 ♀, (1859).

I. M., Andaman Islands (Wimberley).

Also recorded from Java.

1499B. TARAGAMA CASTANOPTERA.

Taragama castanoptera, Moore, Proc. Zool. Soc. Lond. 1888, p. 404.

Kangra Valley.

Allied to *T. Ganesa*.

1500. TARAGAMA GANESA.

I. M., Morshidabad.

1508. SUANA CONCOLOR.

Collection Swinhoe, Mahableswar.

Genus *Bhima*.

1509. *For* PÆCILOCAMPA UNDULOSA, read *BHIMA UNDULOSA*.

Moore, Proc. Zool. Soc. Lond. 1888, p. 404.

Dharmasala.

FAMILY PHALEBIDÆ.

1527. *RAMESA TOSTA*.

Collection Swinhoe, Pyentaza (Burma).

FAMILY SATURNIIDÆ.

1538. *ATTACUS EDWARDSII*.

Collection Swinhoe, Kurseong.

1448A. *SATURNIA HOCKINGII*.

Saturnia hockingii, Moore, Proc. Zool. Soc. Lond. 1888, p. 402.

Kulu.

Allied to *S. grotei*.

1550A. *SATURNIA ROYI*.

Saturnia royi, Elwes, Proc. Zool. Soc. Lond. 1887, p. 447.

Tonglo (Sikkim).

1556. *LÖEPA SIKKIMA*.

Collection Swinhoe, Rangoon.

1560A. *ANTHEREA FRATERNA*.

Anthera fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 403.

Kasaoli, Kangra.

Allied to *A. savatica*.

1564. *ANTHEREA MYLITTA*.

Collection Swinhoe, Central India.

1575. *RHODIA NEWARA*.

Collection Swinhoe, Sikkim.

FAMILY COSSIDÆ.

1585. *ZEUZERA ALBOFASCIATA*.

Collection Swinhoe, Kulu.

1597. *ZEUZERA SIGNATA*.

Collection Swinhoe, Sikkim.

1601. PHRAGMATÆCIA MINOR.

In Phayre Museum (Rangoon), from Bhamo.

FAMILY HEPIALIDÆ.

1616. PHASSUS ALBOFASCIATUS.

Collection Swinhoe, Nilgiri Hills.

1619. PHASSUS MALABARICUS.

Collection Swinhoe, Nilgiri Hills.

GROUP NOCTUES.

FAMILY CYMATOPHORIDÆ.

1624A. THYATIRA COGNATA.

Thyatira cognata, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.
 ——— Warren *loc. cit.*, p. 299.

Kangra, Kala Pani (Punjab).

Allied to *T. latic.*

1628. GAURENA FLORENS.

Collection Swinhoe, Kurseong.

1629A. HABROSYNE FRATERNA.

Habrosyne fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.

Kangra.

Allied to *H. Indica*.

1637. RISOBA OBSTRUCTA.

Collection Swinhoe, Rangoon, Raipur (Central Provinces),
 Calcutta.

1641. KERALA MULTIPUNCTATA.

Collection Swinhoe, Kurseong.

1642A. PALIMPSESTIS ALBIDISCA.

Palimpsestis albidisca, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.

Polyplocia albidisca, Warren, Proc. Zool. Soc. Lond. 1888, p. 299.

Kangra, Beham Gulley (Punjab).

1644B. PALIMPSESTIS DUBIA.

Polyptoca dubia, Warren, Proc. Zool. Soc. Lond. 1888, p. 300.
Handar (Punjab).

1644C. PALIMPSESTIS ORBICULARIS.

Palimpsestus orbicularis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.

1644D. PALIMPSESTIS RENALIS.

Palimpsestus renal^{is}, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.

Genus *Asphalia*.

1644E. ASPHALIA CINEREA.

Asphalia cinerea, Warren, Proc. Zool. Soc. Lond. 1888, p. 300.
Thundiani (Punjab).

FAMILY LEUCANIIDÆ.

1659A. LEUCANIA BIFASCIATA.

Leucania bifasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.
Allied to *L. griseofasciata*.

1667. LEUCANIA DECISSIMA.

Collection Swinhoe, Nilgiri Hills.

1674. LEUCANIA EXTRANEA.

Collection, Swinhoe, Nilgiri Hills, Calcutta.

1677A. LEUCANIA IRRORATA.

Leucania irrorata, Moore, Proc. Zool. Soc. Lond. 1888, p. 409
Kangra.

1685. LEUCANIA PERCISA.

Leucania percisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.

1705A. ALETIA EXANTHEMATA.

Aletia exanthemata, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.
Kangra.

1705B. *ALETIA FRATERNA*.

Aletia fraterna, Moore, Proc. Zool. Soc. Lond. 1888, p. 410.

Kangra.

Allied to *A. albicosta*.

1708. *ALETIA RUDIS*.

Aletia rudis, Moore, Proc. Zool. Soc. Lond. 1889, p. 411.

Kangra.

1712. *AXYLIA FASCIATA*.

Collection Swinhoe, Nilgiri Hills.

1715A. *AXYLIA TRISERIATA*.

Axylia triseriata, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.

Kangra.

1716A. *TYMPANISTES RUBRIDORSALIS*.

Tympanistes rubridorsalis, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.

Kangra.

FAMILY HELIOTHIDÆ

1723. *DORIKA SANGUINOLENTA*.

Collection Swinhoe, Nilgiri Hills.

1726A. *PRADATTA BIMACULATA*.

Pradatta bimaculata, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.

Dharmasala.

1727. *PRADATTA BIVITTATA*.

Collection Swinhoe, Poona, Nilgiri Hills.

1738. *HELIOTHIS SUCCINEA*.

In Mr. Lindsay's Collection from Nilgiri Hills.

1747. *ADISURA LEUCANIODES*.

Collection Swinhoe, Nilgiri Hills.

1755A. *MASALIA TOSTA*.

Masalia tosta, Moore, Proc. Zool. Soc. Lond. 1888, p. 411.

Dharmasala. †

FAMILY BOMBYCOIDÆ.

1760A. DIPHTERA FASCIATA.

Diphthera fasciata, Moore, Proc. Zool. Soc. Lond. 1888, p. 406.
Kangra.

1765A. PLATAPLECTA SCOTOCHLORA.

Polia scotochlora, Kollar, Hüg. Kasch, p. 482, (1848).
Plataplecta scotochlora, Warren, Proc. Zool. Soc. Lond. 1888, p. 309.
Thundiani (Punjab).

1770A. TRIÆNA DENTICULATA.

Triæna denticulata, Moore, Proc. Zool. Soc. Lond. 1888, p. 408.
Kangra.

1771. TRIÆNA MAXIMA.

Collection Swinhoe, Kulu, Rangoon.

1772A. KARANA SIMILIS.

Karana similis, Moore, Proc. Zool. Soc. Lond. 1888, p. 407.
Kangra.
Allied to *K. decorata*.

1773A. HYBOMA DIVISA.

Hyboma divisa, Moore, Proc. Zool. Soc. Lond. 1888, p. 409.
Kangra.

FAMILY THYRIDIDÆ.

Genus Thyridiphora.

1773B. THYRIDIPHORA FENESTRATA.

Thyridiphora fenestrata, Warren, Proc. Zool. Soc. Lond. 1888, p. 311.
Campbellpur (Punjab).

FAMILY BRYOPHILIDÆ.

1777A. BRYOPHILA NIGRIVITTATA.

Bryophila nigrivittata, Warren, Proc. Zool. Soc. Lond. 1888, p. 301.
Campbellpur (Punjab).

1778. BRYOPHILA NILGIRIA.

I. M., Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

FAMILY GLOTTULIDÆ.

1782. CHASMINA CYGNUS.

Collection Swinhoe, Nilgiri Hills.

FAMILY ACONTIIDÆ.

1805. XANTHODES FLAVA.

Collection Swinhoe, Nilgiri Hills.

1811. XANTHODES INTERSEPTA.

Collection Swinhoe, Rangoon.

1820A. CANNA SPLENDENS.

Canna splendens, Moore, Proc. Zool. Soc. Lond. 1888, p. 412.
Dharmasala.

1825. EUPHASIA CATENA.

Collection Swinhoe, Bombay.

1838A. ACONTIA LUCIDA.

Phalæna (Noctua) lucida, Hübn., Berl. Mag. iii, p. 302, 424.
Acontia lucida, Warren, Proc. Zool. Soc. Lond. 1888, p. 309.
Acontia solaris, Treit., Schm. Eur. v, Abh., 3, p. 244.
Punjab, Europe.

1846. ACONTIA QUADRIpartita.

Collection Swinhoe, Nilgiri Hills.

1866. TARACHE TROPICA.

Collection Swinhoe, Andaman Islands.

FAMILY ANTHOPHILIDÆ.

1896A. THALPOCHARES TRIANGULARIS.

Thalpocharus triangularis, Warren, Proc. Zool. Soc. Lond. 1898, p. 309.
Campbellpur (Punjab).

Genus *Metachrostis*.

1902. For LEPTOSIA QUINARIA read METACHROSTIS QUINARIA.

1902A. *METACHROSTIS CONTINGENS.*

Metachrostis contingens, Moore, Proc. Zool. Soc. Lond. 1888, p. 412.
Dharmasala.

1903. *For TIMA MARGARITA read TIMA MARGARITATA.*

1907. *HYELA LATIVITTA.*

Collection Swinhoe, Nilgiri Hills.

1910. *MARADANA RIVULATA.*

Collection Swinhoe, Nilgiri Hills.

1912. *PARACRAMA DULCISSIMA.*

Collection Swinhoe, Nilgiri Hills.

FAMILY ORTHOSIDÆ.

1915. *Erase ORTHOSIA EXTERNA.*

[See No. 2110A, "APAMIIDÆ."]

FAMILY HADENIDÆ.

1930A. *EUROIS VIRENS.*

Eurois virens, Butler, Ann. Nat. Hist. 1878, p. 194.
————— Ill. Typ. Lep. Het. B.M. iii, p. 17, pl. 45, fig. 5, (1879).
————— Warren, Proc. Zool. Soc. Lond. 1888, p. 308.

Thundiani (Punjab), Japan.

1933A. *HADENA CHENOPODII.*

Phalæna (Noctua) chenopodii, Gmel., Syst. Nat., i, 5, p. 2543, 1036.*
Hadena chenopodii, Warren, Proc. Zool. Soc. Lond. 1888, p. 308.
Thundiani (Punjab).

1937. *HADENA INDISTANS.*

Collection Swinhoe, Nilgiri Hills.

1959A. *EUPLEXIA PECTINATA.*

Euplexia pectinata, Warren, Proc. Zool. Soc. Lond. 1888, p. 308.
Thundiani (Punjab).

1967. *RADINACRA THORACICA.*

Collection Swinhoe, Khandalla.

1975A. APPANA CINGALESA.

Appana cingalesa, Moore, Lep. Ceyl. iii, p. 548, pl. 214, fig. 6, ♀, (1887).
Collection Swinhoe, Nilgiri Hills.
Also recorded from Ceylon.

FAMILY NOCTUIDÆ.

1986. AGROTIS CONSPURCATA.

I. M., Nilgiri Hills.

1996. AGROTIS FLAGIATA.

Collection Swinhoe, Ceylon.

2001. AGROTIS SUFFUSA.

Collection Swinhoe, Nilgiri Hills.

Genus *Oxira*.

2007A. OXIRA OCHRACEA.

Oxira ochracea, Walker, Cat. Lep. Het. B.M. xxxii, p. 667.
————— Moore, Lep. Ceyl. iii, p. 23, (1884).
————— Warren, Proc. Zool. Soc. Lond. 1888, p. 306.
Punjab, Ceylon.

2008A. GRAPHIPHORA CANESCENS.

Graphiphora canescens, Butler, Ann. Nat. Hist. 1878, i, p. 165.
————— Warren, Proc. Zool. Soc. Lond. 1888, p. 306.
Cerastis subdolens, Butler, Trans. Ent. Soc. Lond. 1881, pt. ii, p. 181.
Thundiani (Punjab). Collection Swinhoe.
Allied to *G. dahliei* of Europe.

2018A. GRAPHIPHORA VALIDA.

Graphiphora valida, Walker, Cat. Lep. Het. B. M. xxxiii, p. 711, (1865).
————— Warren, Proc. Zool. Soc. Lond. 1888, p. 306.
Thundiani (Punjab), China.

2022A. OCHROPLEURA DENTICULATA.

Ochropleura denticulata, Warren, Proc. Zool. Soc. Lond. 1888, p. 307.
Thundiani (Punjab).

FAMILY APAMIIDÆ.

2040. *BREESA NATALIS*.

Collection Swinhoe, Moulmein, Rangoon, Nilgiri Hills.

2076A. *MAMESTRA NIGERRIMA*.

Mamestra nigerrima, Warren, Proc. Zool. Soc. Lond. 1886, p. 303.

Collection Swinhoe, Thundiani (Punjab).

Also from Naini Tal in Colonel Lang's Collection.

2088. *ILATTIA CEPHUSALIS*.

Collection Swinhoe, Rangoon.

2099. *PERIGEA CENTRALIS*.

Collection Swinhoe, Rangoon.

2104. *AMYNA SELENAMPHA*.

Collection Swinhoe, Andaman Isles, Moulmein, Rangoon.

2110A. *CARADRINA EXTERNA*.

Orthosia externa, Walker, Cat. Lep. Het. B. M. xxxiii, p. 716, (1865).

————— Moore, Proc. Zool. Soc. Lond. 1887, p. 56.

————— Butler, Proc. Zool. Soc. Lond. 1883, p. 161.

Caradrina externa, Warren, Proc. Zool. Soc. Lond. 1886, p. 303.

I. M., Sikkim.

Collection Swinhoe, Kasoli.

Also recorded from the Punjab.

2110B. *CARADRINA FARINACEA*.

Caradrina farinacea, Moore, Proc. Zool. Soc. Lond. 1886, p. 411.

Kangra.

2117. *SPODOPTERA CILIUM*.

Collection Swinhoe, Bassein (Burma), Nilgiri Hills.

2120. *PRODENIA LITTORALIS*.

Collection Swinhoe, Nilgiri Hills.

2122. *LAPHYGMA EXIGUA*.

Collection Swinhoe, Punjab, Rangoon, Nilgiri Hills.

2130. *Brass* *OXIRA OCHREA*.

[See No. 2007A, "NOCTUIDÆ."]

2140. *RHIZOGRAMMA UNILINEA*.

Collection Swinhoe, Ahmedabad.

FAMILY PLUSIDÆ.

2155. *PLUSIA CHRYSITINA*.

Collection Swinhoe, Kipra (Sind), Ceylon, Nilgiri Hills.

2161. *PLUSIA EXTRAHENS*.

Collection Swinhoe, Nilgiri Hills.

2169. *PLUSIA OBTUSISIGNA*.

Collection Swinhoe, Nilgiri Hills.

2170. *PLUSIA OCHREATA*.

Collection Swinhoe, Nilgiri Hills.

2177. *PLUSIA SIGNATA*.

Collection Swinhoe, Rangoon.

2180. *PLUSIA VERTICILLATA*.

Collection Swinhoe, Andaman Islands, Raipur (Central Provinces), Nilgiri Hills, Rangoon.

2181. *PLUSIODONTA AURIPICTA*.

Collection Swinhoe, Rangoon.

2182. *PLUSIODONTA CHALSTYOIDES*.

Collection Swinhoe, Ceylon, Rangoon.

FAMILY PALINDIDÆ.

2189. *HOMODES CROCEA*.

Collection Swinhoe, Andaman Islands.

FAMILY EURHIPIDÆ.

2199. *PENICILLARIA JOCOSATRIX*.

Collection Swinhoe, Calcutta, Nilgiri Hills.

2201. PENICILLARIA NUGATRIX.

Collection Swinhoe, Andaman Islands.

2210. VARNIA FENESTRATA.

Collection Swinhoe, Sikkim.

FAMILY ERIOPIDÆ.

2219. CALLOPISTRIA EXOTICA.

Collection Swinhoe, Ceylon, Khandalla.

2220. CALLOPISTRIA RECURVATA.

Collection Swinhoe, Rangoon, Nilgiri Hills.

FAMILY GONOPTERIDÆ.

2234. COSMOPHILA XANTHINDYMA.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2235. ARTHISMA BOISSURALIS.

Collection Swinhoe, Rangoon, Bhamo (Burma).

FAMILY AMPHIPYRIDÆ.

2256A. AMPHIPYRA FLAVICAUDATA.

Amphipyra flavicaudata, Warren, Proc. Zool. Soc. Lond. 1888, p. 312.
Thundiani (Punjab).

2263. BLENINE ACCIPIENS.

Collection Swinhoe, Rangoon.

2264. BLENINA DONANS.

Collection Swinhoe, Nilgiri Hills.

FAMILY CATOCALIDÆ.

2274. CATOCALA AFGHANA.

Catocala afghana, Swinhoe.

Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Collection Swinhoe, Abbotabad (Punjab).

2278A. CATOCALA NIVEA.

Catocala nivea, Butler, Cist. Ent. ii, p. 241, (1875-82).

Ill. Typ. Lep. Het. B. M., ii, p. 38, pl. 33, fig. 4.
(1878).

Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab), Japan.

2279. CATOCALA PATALA.

Catocala patala, Felder.

Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab).

2279A. CATOCALA PERSIMILIS.

Catocala persimilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 314.

Thundiani (Punjab).

FAMILY TOXOCAMPIDÆ.

2296. TOXOCAMPA METASPILA.

Collection Swinhoe, Rangoon.

FAMILY POAPHILIDÆ.

2312. POAPHILA REFLEXA.

Collection Swinhoe, Poona, Purundhur, Nilgiri Hills, Andaman Islands.

2321. DIBENA MULTISTRIGARIA.

I. M., Nilgiri Hills.

FAMILY CATEPHIDÆ.

2339. BRIARDA DECENS.

Collection Swinhoe, North Kanara, Nilgiri Hills, Baccin
(Burma), Andaman Islands.

2343. ARCTE GRANULATA.

Collection Swinhoe, Assam.

2347. CATEPHIA LIVIMOLA.

Collection Swinhoe, Sikkim, Rangoon, Nilgiri Hills.

2351. *MEMARA APICALIS*.

In Phayre Museum (Rangoon), from Rangoon.
In Mr. Lindsay's Collection from Nilgiri Hills.

2365. *STICTOPTERA SUBOBLIQUA*.

Collection Swinhoe, Bombay.

2367. *STICTOPTERA VARIABILIS*.

Collection Swinhoe, Andaman Islands.

2370. *ODONTODES BOLINOIDES*.

I. M., Ranchi.
Collection Swinhoe, Rangoon.

2371. *SADARSA LONGIPENNIS*.

Collection Swinhoe, Kurseong.

2376. *GYRTONA HYLUSALIS*.

Collection Swinhoe, Nilgiri Hills.

2380. *LOPHOPTERA COSTATA*.

Collection Swinhoe, Rangoon, Nilgiri Hills.

2387. *ATHYMA POLYSPILA*.

Collection Swinhoe, Rangoon.

FAMILY HYPOGRAMMIDÆ.

2394. *DINUMMA DEPONENTE*.

Collection Swinhoe, Rangoon, Raipur (Central Provinces),
Nilgiri Hills.

2420. *PIOTHEIA SPURCATA*.

Collection Swinhoe, Ceylon.

2434. *SELEPA CELTIS*.

In Phayre Museum (Rangoon) from Rangoon.

FAMILY POLYDESMIDÆ.

2440A. *PANDEMA BENENOTATA*.

Pandema benenotata, Warren, Proc. Zool. Soc. Lond. 1893, p. 323.
Rawal Pindi.

2443. PANDESMA QUENAVADI.

Collection Swinhoe, Deesa, Punjab, Raipur (Central Provinces),
Nilgiri Hills.

2446. PANDESMA BOARMOIDES.

Collection Swinhoe, Rangoon, Sholapore, Raipur (Central Pro-
vinces), Nilgiri Hills.

FAMILY HOMOPTERIDÆ.

2451. ALAMIS CONTINUA.

Collection Swinhoe, Raipur (Central Provinces), Solun (Simla).

2454. ALAMIS INFLIGENS.

Collection Swinhoe, Nilgiri Hills.

2470. GIERPA ERIOPHORA.

Collection Swinhoe, Andaman Islands.

2471. GIERPA FRATERNA.

Collection Swinhoe, Rangoon.

2472. GIERPA INANGULATA.

Collection Swinhoe, Raipur (Central Provinces), Rangoon.

2473. GIERPA PERTENDENS.

Collection Swinhoe, Rangoon.

FAMILY OPHIDERIDÆ.

2474. ARGADESA MATERNA.

Collection Swinhoe, Raipur, Calcutta, Andaman Islands.

2492. ISCHYJA MANLIA.

Collection Swinhoe, Nilgiri Hills, Andaman Islands.

FAMILY EREBIDÆ.

2497. OXYODES SCROBICULATA.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2527. *STYNA SUBMARGINATA*.

Collection Swinhoe, Nilgiri Hills.

FAMILY OMMATOPHORIDÆ.

2536. *ARGIVA STRIGIPENNIS*.

Collection Swinhoe, Nilgiri Hills.

2547. *ENTOMOGRAMMA DECORA*.

Collection Swinhoe, Poona.

2550. *ENTOMOGRAMMA TORSA*.

Collection Swinhoe, Raipur, Nilgiri Hills.

2553. *SPEIREDONIA RETRAHENS*.

Collection Swinhoe, Nilgiri Hills, Rangoon, Andaman Islands.

2554. *SPEIREDONIA ZAMIS*.

Collection Swinhoe, Rangoon.

2555. *SERICIA ANOPS*.

Collection Swinhoe, Nilgiri Hills, Rangoon, Andaman Islands.

FAMILY HYPOPYRIDÆ.

2558. *SPIRAMIA COHÆRENS*.

Collection Swinhoe, Raipur, Calcutta, Rangoon.

2559. *SPIRAMIA HELICINA*.

Collection Swinhoe, Nilgiri Hills.

2563A. *HYPOPYRA EXTRICANS*.

Hypopyra extricans, Walker, Cat. Lep. Het. B. M. xiv, p. 1328, (1856).
Warren, Proc. Zool. Soc. Lond. 1888, p. 315.

Hurripur (Punjab), China.

2570. *HYPOPYRA SHIVA*.

Collection Swinhoe, Rangoon.

2572. HYPOPIRA VESPERTILIO.

Collection Swinhoe, Rangoon.

FAMILY BENDIDÆ.**2576. HULODES RESTORANS.**

Collection Swinhoe, Rangoon.

2578. HAMODES ATTACICOLA.

Collection Swinhoe, Rangoon, Andaman Islands.

FAMILY OPHIUSIDÆ.**2583. MELIOPTIS CYLLARIA.**

Collection Swinhoe, Rangoon.

2585. MELIOPTIS DIVERSIPENNIS.

Collection Swinhoe, Calcutta.

2587. MELIOPTIS PANNOSA.

I. M., Calcutta.

Collection Swinhoe, Rangoon.

2595. THYAS CORONATA.

Collection Swinhoe, Andaman Islands.

2598. THYAS HONESTA.

Collection Swinhoe, Rangoon.

2606. MINUCIA PRUNICOLOR.

Collection Swinhoe, Nilgiri Hills.

2611. MINUCIA TUMIDILINEA.

Collection Swinhoe, Rangoon.

2614. OPHISMA CONTENTA.

Collection Swinhoe, Rangoon.

2616. OPHISMA GRAVATA.

In Phayre Museum (Rangoon) from Rangoon.

2617. OPHISMA MATURATA.

Collection Swinhoe, Calcutta.

In Mr. Lindsay's Collection from Nilgiri Hills.

2621. *Erase* PLATYJA UMMINIA.

[See No. 2760, "THERMESIIDÆ."]

2622. PINDARA ILLIBATA.

Collection Swinhoe, Rangoon.

2623. ACHÆA COMBINANS.

Collection Swinhoe, Rangoon, Calcutta, Nilgiri Hills.

2626. ACHÆA NUBIFERA.

Collection Swinhoe, Andaman Islands.

2628. ACHÆA SERVA.

Collection Swinhoe, Calcutta, Rangoon.

2629. PSIMADA QUADRIENNIS.

Collection Swinhoe, Andaman Isles, Rangoon.

2630. SERRODES CAMPANA.

Collection Swinhoe, Nilgiri Hills.

2631. SERRODES INARA.

Collection Swinhoe, Nilgiri Hills.

2633. NAXIA CALEPACIENS.

Phayre Museum (Rangoon) from Rangoon.

2636. DELGAMMA CALORIFICA.

Collection Swinhoe, Rangoon.

2637. CARANIÏLLA ONEÏIA.

Collection Swinhoe, Nilgiri Hills, Calcutta, Rangoon.

2641. MACALDENIA PALUMBA.

Collection Swinhoe, Rangoon.

2642. *CALEZIA DASYPTERA*.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2649. *ANEREUTHINA CONDITA*.

Collection Swinhoe, Andaman Islands.

2656. *DORDURA ALIENA*.

Collection Swinhoe, Rangoon.

2657. *DORDURA APICALIS*.

Collection Swinhoe, Rangoon.

2661. *OPHIUSA ANALIS*.

Collection Swinhoe, Raipur, Nilgiri Hills.

2662. *OPHIUSA ARCTOTENIA*.

J. M., Ranchi.

2663. *OPHIUSA ARCUATA*.

Collection Swinhoe, Rangoon.

2666. *OPHIUSA CRAMERI*.

Collection Swinhoe, Nilgiri Hills, Calcutta, Burma.

2669. *OPHIUSA FULVOTENIA*.

Collection Swinhoe, Rangoon.

2670. *OPHIUSA JOVIANA*.

Collection Swinhoe, Rangoon, Calcutta.

2670A. *OPHIUSA LATIFASCIA*.*Dysgonia latifascia*, Warren, Proc. Zool. Soc. Lond. 1888, p. 316.

Collection Swinhoe, Solun, Kozdar (Beloochistan).

Also recorded from Campbelpur (Punjab).

2676. *GRAMMODES AMMONIA*.

Collection Swinhoe, Rangoon.

2678. *GRAMMODES MYGDON*.

Collection Swinhoe, Rangoon.

2683. *FODINA PALLULA*.

Collection Swinhoe, Calcutta.

2684. *ARTENA SUBMIRA*.

Collection Swinhoe, Rangoon.

FAMILY EUCLIDIDÆ.

2685. *TRIGONODES OEPHISE.*

Collection Swinhoe, Rangoon.

2688. *TRIGONODES MAXIMA.*

In Phayre Museum (Rangoon) from Thyetmyo.

2696. *ACANTHOLIPES TRIFASCIATA.*

Collection Swinhoe, Nilgiri Hills.

FAMILY REMIGIIDÆ.

2697. *CAUNINDA ARCHESIA.*

Collection Swinhoe, Nilgiri Hills, Andaman Isles.

2702. *REMIGIA FRUGALIS.*

Collection Swinhoe, Rangoon.

2705. *REMIGIA QUESITA.*

Collection Swinhoe, Nilgiri Hills, Rangoon.

GROUP PSEUDODELTOIDES.

FAMILY FOCILLIDÆ.

2713. *ZETHES CRISTIFERA.*

In Phayre Museum (Rangoon) from Bassein (Burma).

2729. *CULTRIPALPA INDISTINCTA.*

In Phayre Museum (Rangoon) from Bassein.

2730. *CULTRIPALPA PARTITA.*

In Phayre Museum (Rangoon) from Bassein.

2736. *EGNASIA RPHYRODALIS.*

Collection Swinhoe, Rangoon.

2738A. *EGNASIA MÆSTALIS*.

Magulaba mastalis, Walker, Cat. Lep. Het. B. M. xxxiv, p. 1127, (1866).

Egnasia mastalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 317.

Egnasia erebina, Butler, Ann. Nat. Hist. 1879, iv, p. 460.

Campbelpur (Punjab), Japan, Aden.

Sierra Leone.

2745. *MATELLA ACCINGALIS*.

Collection Swinhoe, Poona.

FAMILY AMPHIGONIDÆ.

2756. *LACEBA ALOPE*.

Collection Swinhoe, Rangoon.

2758. *AMPHIGONIA HEPATIZANS*.

Collection Swinhoe, Rangoon, Nilgiri Hills.

FAMILY THERMESIIDÆ.

2760. *PLATTYA UMMINIA*.

Collection Swinhoe, Rangoon, Andaman Islands.

Also recorded from Bengal, Java, China, Penang.

2761. *SYMPIS RUFIBASIS*.

Collection Swinhoe, Calcutta, Rangoon.

2775. *SENERATIA PRÆCIPUA*.

Collection Swinhoe, Nilgiri Hills.

2785. *DURDARA FENESTRATA*.

Collection Swinhoe, Kurseong.

2787. *DURDARA LOBATA*.

Collection Swinhoe, Camorta (Nicobars).

2788. *DURDARA MYRTÆA*.

Collection Swinhoe, Bhamo (Burma).

2791. *RAPAENA OCHREIFENNIS*.

Collection Swinhoe, Poona, Mahableshtar.

2803. *MESTLETA DIVISA*.

Collection Swinhoe, Khandalla, Nilgiri Hills.

2806. *MESTLETA IRROTA*.

Collection Swinhoe, Rangoon.

2811. *SONAGARA RETICULATA*.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

2815. *AZAZIA RUBRICANS*.

Collection Swinhoe, Calcutta, Nilgiri Hills, Rangoon.

2836. *DORANAGA APICALIS*.

Collection Swinhoe, Nilgiri Hills.

GROUP DELTOIDES.

FAMILY HYPERIDÆ.

2844. *DICHROMIA OROSIA*.

Collection Swinhoe, Calcutta, Nilgiri Hills, Rangoon.

2846. *DICHROMIA QUADRALIS*.

Collection Swinhoe, Sikkim, Rangoon.

2851. *ANORATHIA PARITALIS*.

Collection Swinhoe, Ceylon.

2861. *HYPERA ABDUCALIS*.

Collection Swinhoe, Andaman Islands, Nilgiri Hills.

2862A. *HYPERA ANGUSTALIS*.

Hypera angustalis, Warren, Proc. Zool. Soc. Lond. 1888, p. 317.
Damtana (Punjab).

2867. *HYPERA CIDIARIOIDES*.

Collection Swinhoe, Rangoon.

2868. *HYPERA COGNATA*.

Collection Swinhoe, Nilgiri Hills.

2881. *HYPENA ICONICALIS*.

Collection Swinhoe, Calcutta, Raipur (Central Provinces).

2888. *HYPENA LACERATALIS*.

Collection Swinhoe, Nilgiri Hills, Rangoon.

2894. *HYRNA MANDATALIS*.

In Phayre Museum (Rangoon) from Rangoon.

2922. *HYPENA VECORDIALIS*.

Collection Swinhoe, Nilgiri Hills.

2924. *NOLASENA FERRIFERVENIS*.

Collection Swinhoe, Rangoon.

2926. *MARAPANA RARALIS*.

Collection Swinhoe, Rangoon.

2928. *OPHIUCHE MISTACALIS*.

Collection Swinhoe, Nilgiri Hills.

Genus *Hormisa*.2929A. *HORMISA CRAMBOIDES*.*Hormisa cramboides*, Butler, Ill. Typ. Lep. Het. B. M. iii, p. 62, pl. 56,
fig 6, (1879).

Warren, Proc. Zool. Soc. Lond. 1898, p. 317.

Kala Pani (Punjab), Japan.

FAMILY HERMINIIDÆ.

2930. *BLEPTINA MOROSA*.

Collection Swinhoe, Poona, Bombay.

2941. *DRAGANA PANSALIS*.Collection Swinhoe, Andaman Islands, Rangoon, Calcutta,
Mhow, Nilgiri Hills.2970. *ZANCLOGNATHA UNDULATA*.Collection Swinhoe, Nilgiri Hills.
Also recorded from Darjiling.2970A. *HYDRILLODES ERYTHUSALIS*.*Begonia erythusalis*, Walker, Cat. Lep. Het. B. M. xvi, p. 177, (1858).*Hydrilloses erythusalis*, Warren, Proc. Zool. Soc. Lond. 1898, p. 318.

Damtana (Punjab), Borneo.

2972. *HYDRILLODUS LENTALIS*.

Collection Swinhoe, Nilgiri Hills.
In Phayre Museum (Rangoon) from Rangoon.

2986. *NODARIA EXTERNALIS*.

Collection Swinhoe, Rangoon.

3001. *BOCANA MARGINATA*.

Collection Swinhoe, Rangoon, Thanna (Bombay).
In Mr. Lindsay's collection from Nilgiri Hills.

3006. *BOCANA VIRIDALIS*.

[Erase *Indian Museum* and *Collection Swinhoe, Nilgiri Hills.*]

3009. *BYTURNA DIGRAMMA*.

Is identical with *Byturna cucullata*, No. 3008.

3010. *AVITTA CERVINA*.

Collection Swinhoe, Rangoon.

3014. *LABANDA ACHINE*.

Indian Museum, Nilgiri Hills.
Collection Swinhoe, Nilgiri Hills.

3020. *ASTHALA SILBENUSALIS*.

Collection Swinhoe, Rangoon.

3021. *AGINNA ROBUSTALIS*.

Collection Swinhoe, Rangoon, Nilgiri Hills.

3022. *AGINNA SIMILIS*.

Collection Swinhoe, Darjiling.

3023. *AGINNA SIMULATA*.

Collection Swinhoe, Thanna (Bombay).

3035. *PASIRA INSCITIA*.

Collection Swinhoe, Poona, Nilgiri Hills.

3044. *ASTA QUADREILINEA*.

Collection Swinhoe, Darjiling.
[Erase *Bombay.*]

GROUP GEOMETRITES.

FAMILY EROSIIDÆ.

3049. DIRADES ADJUTARIA.

Collection Swinhoe, Andaman Isles, Nilgiri Hills.

3053. DIRADES CONCHIFERATA.

Collection Swinhoe, Rangoon.

3072. GATHYNA MIRARIA.

Collection Swinhoe, Calcutta.

FAMILY URAPTERYDÆ.

3108A. URAPTERYX PLURISTRIGATA.

Urapteryx pluristrigata, Warren, Proc. Zool. Soc. Lond. 1888, p. 318.
Thundiani (Punjab).

FAMILY ENNOMIDÆ.

3148. HYPERYTHRA LUTEA.

Collection Swinhoe, Calcutta, Andaman Isles.
Thyetanyo, Rangoon.

3158. ANGERONA PALLICOSTARIA.

Collection Swinhoe, Andaman Islands.

3158A. ANGERONA STRAMINEATA.

Angerona stramineata, Warren, Proc. Zool. Soc. Lond. 1888, p. 319.
Collection Swinhoe, Thundiani (Punjab).

3195. PYRINIA PHENICO-TENIATA.

Pyrinia phanico-teniata, Kollar.
Warren, Proc. Zool. Soc. Lond. 1888, p. 319.
Kala Pani and Thundiani (Punjab).

FAMILY OXYDIDÆ.

3211. MARCALA SULPHURESCENS.

Collection Swinhoe, Nilgiri Hills.

FAMILY ÆNOCHROMIDÆ.

3241. CHILKASA FALCATA.

Collection Swinhoe, Rangoon.

Genus *Niphonissa*.

3249A. NIPHONISSA ARIDA.

Niphonissa arida, Butler, Ann Mag. Nat Hist. 1878, i, p. 394.

Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Thundiani (Punjab), Japan.

FAMILY AMPHIDASYDÆ.

3255A. BUZURA VARIANARIA.

Buzura panterinaria, Swinhoe (*nec* Bremer and Grey), Proc. Zool. Soc. Lond. 1888, p. 454.

Collection Swinhoe, Mhow, North Kanara.

FAMILY BOARMIDÆ.

3264. HEMEROPHILA SUBPLAGIATA.

Menophra subplagiata, Walker.

Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Murree, Thundiani (Punjab).

3327. BOARMIA ITERATA.

Alcis ite rata, Butler.

Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Murree.

3338. BOARMIA TRIKOTARIA.

Alcis trikotaria, Felder.

Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Thundiani (Punjab).

3340A. ALCIS NUDIPENNIS.

Alcis nudipennis, Warren, Proc. Zool. Soc. Lond. 1888, p. 320.
Thundiani (Punjab).

3344. BURICHURA IMPARATA.

Collection Swinhoe, Lanaoli.

3348. CATORIA SUBLAVARIA.

Collection Swinhoe, Rangoon.

3349. CHOGADA ALIENARIA.

Collection Swinhoe, Nilgiri Hills.

3363. BYLAZORA LICHENIFERATA.

I. M., Nilgiri Hills.

3376. PINGASA CRENARIA.

In Phayre Museum (Rangoon) from Thyetmyo.

3388. HYPOCHROMA PERFECTARIA.

I. M., Ranchi.

3406. GNOPHOS DISPUNCTATA.

Gnophos dispunctata, Walker.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Thundiani (Punjab).

3408A. GNOPHOS ISOMETRA.

Gnophos isometra, Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Akhori (Punjab).

3412. GNOPHOS OBTECTARIA.

Gnophos obtectaria, Walker.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Abbottabad.

3413. GNOPHOS PAERLITA.

Gnophos paerlita, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 321.
Abbottabad.

3422. PETELIA MEDARDARIA.

Collection Swinhoe, Rangoon.

3426A. PSYRA DEBILIS.

Psyra debilis, Warren, Proc. Zool. Soc. Lond. 1888, p. 319.
Thundiani (Punjab).

FAMILY GEOMETRIDÆ.

3450. *MAXATES OGLATARIA*.

Collection Swinhoe, Rangoon.

3469. *THALASSODES QUADRARIA*.

Collection Swinhoe, Andaman Islands, Calcutta, Rangoon.

3478. *THALERA DIATOAMATA*.

Collection Swinhoe, Rangoon.

3480. *THALERA DISJUNCTA*.

Collection Swinhoe, Nilgiri Hills.

3487. *NEMORIA CARNIFRONS*.

Collection Swinhoe, Nilgiri Hills.

3523. *AGATHIA LYCÆNARIA*.

Collection Swinhoe, Nilgiri Hills.

FAMILY PALYADÆ.

3539. *EUMELIA AURELIATA*.

Collection Swinhoe, Ceylon, Nilgiri Hills, Thyetmyo.

3546. *EUMELIA VULPERARIA*.

Collection Swinhoe, Nilgiri Hills.

3547. *CACYPARIS INSOLITATA*.

Collection Swinhoe, Nilgiri Hills.

FAMILY EPHYRIDÆ.

3573. *ANISODES OBRINARIA*.

Collection Swinhoe, Nilgiri Hills.

3577. *ANISODES PATRUELLIS*.

Collection Swinhoe, Nilgiri Hills.

3585. *BORBACA PARDARIA*.

Collection Swinhoe, Nilgiri Hills.

FAMILY CABERIDÆ.

3604. *CABERA MYTYLATA*.*Cabera mytylata*, Guén.

Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Thundiani (Punjab).

FAMILY MACARIDÆ.

3619. *TEPHRINA CACAVERNA*.

Collection Swinhoe, Poona.

3620. *TEPHRINA FALSARIA*.

Collection Swinhoe, Nilgiri Hills.

3624. *TEPHRINA MODESTA*.

Collection Swinhoe, Nilgiri Hills.

3632. *GUBARIA FASCIATA*.

Collection Swinhoe, Raipur, Central Provinces, Andaman Islands.

3634. *GUBARIA NORA*.

Collection Swinhoe, Nilgiri Hills.

3635. *GUBARIA XANTHONORA*.

In Phayre Museum, Rangoon, from Pyentaza (Burma).

3638A. *GONODELA FUSCOMARGINATA*.*Gonodela fuscomarginata*, Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Campbellpur (Punjab).

3641. *GONODELA HORRIDARIA*.

Collection Swinhoe, Nilgiri Hills.

3647. *GONODELA STRENIATARIA*.*Gonodela streniataria*, Walker.

Warren, Proc. Zool. Soc. Lond. 1888, p. 323.

Campbellpur (Punjab).

3649. *GONODELA VASUDEVA*.
Collection Swinhoe, Rangoon.
3655. *AZATA FERUGINATA*.
Collection Swinhoe, Rangoon.
3656. *AZATA QUADRARIA*.
Collection Swinhoe, Nilgiri Hills.

FAMILY FIDONIDÆ.

3662. *STERRHA PAULULA*.
Collection Swinhoe, Campbellpur (Punjab).
3663. *STERRHA SACRARIA*.
Sterrha sacraria, Linn
Warren, Proc. Zool. Soc. Lond. 1888, p. 324.
Campbellpur (Punjab).

Genus *Pseudosterrha*.

- 3663A. *PSEUDOSTERRHA OCHREA*.
Pseudosterrha ochrea, Warren, Proc. Zool. Soc. Lond., 1888, p. 324.
Campbellpur (Punjab).
3665. *RUMIA MIMULINA*.
Rumia mimulina, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 318.
3671. *PHYLETIS INCONSPICUA*.
Phyletis inconspicua, Butler.
Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Thundiani, Kala Pani (Punjab).
3673. *PHYLETIS MEONARIA*.
Collection Swinhoe, Kurseong.
3674. *PHYLETIS PELLONIARIA*.
Phyletis pelloniaria, Guén.
Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Thundiani (Punjab).
3678. *EPIFIDONIA SIGNATA*.
Epifidonia signata, Butler.
----- Warren, Proc. Zool. Soc. Lond. 1888, p. 323.
Murice.

3681. *ASPILATES OBLIQUARIA*.*Aspilates obliquaria*, Moore.

Warren, Proc. Zool. Soc. Lond. 1888, p. 324.

Thundiani (Punjab).

3684. *CONYMICA SPECULARIA*.

Collection Swinhoe, Kurseong, Rangoon.

3691. *PRIONIA SQUALIDARIA*.

Collection Swinhoe, Raipur (Central Provinces), Rangoon.

FAMILY ZERENIDÆ.

3729A. *ABRAXAS DIVERSICOLOR*.*Abraxas diversicolor*, Warren, Proc. Zool. Soc. Lond. 1888, p. 325.

Thundiani (Punjab).

3731. *ABRAXAS FUSCESCENS*.*Abraxas fuscescens*, Butler.

Warren, Proc. Zool. Soc. Lond. 1888, p. 324.

Thundiani (Punjab).

3733A. *ABRAXAS INTERMEDIA*.*Abraxas intermedia*, Warren, Proc. Zool. Soc. Lond. 1888, p. 324.

Thundiani, Kala Pani (Punjab).

3746. *NAXA TEXTILIS*.

Collection Swinhoe, Nilgiri Hills.

3751. *LIGDIA COCTATA*.*Ligdía coctata*, Guén.

Warren, Proc. Zool. Soc. Lond. 1888, p. 325.

Kala Pani, Campbellpur (Punjab).

FAMILY LARENTIDÆ.

3756. *LYCAUGES RELICTATA*.*Acidalia (?) relictata*, Walker, Cat. Lep. Het. B. M. xxxv. p. 1629, (1866).*Lycauges relictata*, Warren, Proc. Zool. Soc. Lond. 1888, p. 323.*Lycauges demissus*, Swinhoe, Proc. Zool. Soc. Lond. 1886, p. 456.

Collection Swinhoe, Mhow, Karachi, Tatta (Sind), Alibagh, (Bombay).

Also recorded from Campbellpur (Punjab).

3759. For *Larentia conturbata* read *Scotosia conturbata*.
Warren, Proc. Zool. Soc. Lond. 1888, p. 327.
3775. EUPITHECIA PALPATA.
Collection Swinhoe, Ceylon.
- 3776A. EUPITHECIA QUADRIPUNCTATA.
Eupithecia quadripunctata, Warren, Proc. Zool. Soc. Lond. 1888, p. 331.
Thundiani (Punjab).
3795. REMODES HIRUDINATA.
Collection Swinhoe, Khandalla, Nilgiri Hills.
3800. REMODES PROBOSCIDARIA.
Collection Swinhoe, Nilgiri Hills.
3801. REMODES REMODESARIA.
Collection Swinhoe, Nilgiri Hills.
- 3812A. MELANIPPE FLAVISTRIGATA.
Melanippe flavistrigata, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
Kala Pani (Punjab).
- 3814A. COREMIA LIVIDA.
Coremia livida, Butler, Ann. Mag. Nat. Hist. 1878, i, p. 449.
——— Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
Campbellpur (Punjab).
3818. SCOTOSIA DUBIOSATA.
Scotosia dubiosata Walker.
Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Thundiani (Punjab).
3819. SCOTOSIA EXPANSA.
Scotosia expansa, Moore.
Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Punjab.
Closely allied to *S. venimaculata*.
3821. SCOTOSIA MINIOSATA.
Photoscotosia miniosata, Warren, Proc. Zool. Soc. Lond., 1888, p. 328.
Thundiani (Punjab).
3821. SCOTOSIA NIGRALBATA.
Scotosia nigralbata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
Collection Swinhoe, Thundiani (Punjab).

8641. SCOTOSIA AMPLICATA.

Cidaria amplicata, Walker, Cat. Lep. Het. B. M. xxv, p. 1404, (1862).
Photoscotosia amplicata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.

Indian Museum, Kulu (Young).

Collection Swinhoe, Kulu, Pegu.

Also recorded from Darjiling and Thundiani (Punjab).

8846A CIDARIA BREVIFASCIATA.

Cidaria brevifasciata, Warren, Proc. Zool. Soc. Lond., 1888, p. 330.
 Thundiani (Punjab).

8868A. CIDARIA ROSTRIFERA.

Cidaria rostrifera, Warren, Proc. Zool. Soc. Lond., 1888, p. 330.
 Thundiani (Punjab).

8871A. CIDARIA SUBRUBESCENS.

Cidaria subrubescens, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
 Berham Gully (Punjab).

8873A. CIDARIA THOMASATA.

Cidaria thomasata, Warren, Proc. Zool. Soc. Lond., 1888, p. 329.
 Murree, Thundiani (Punjab).

8885. STAMMODES PAMPHILATA.

Stammodes pamphilata, Felder.
 Warren, Proc. Zool. Soc. Lond., 1888, p. 330.
 Thundiani (Punjab).

8891A. THERA CONSIMILIS.

THERA consimilis, Warren, Proc. Zool. Soc. Lond., 1888, p. 326
 Thundiani, Nandar (Punjab).

8893A. YPSIPETES UNDULATA.

Ypsipetes undulata, Warren, Proc. Zool. Soc. Lond., 1888, p. 326.
 Thundiani (Punjab).

8900A. PHIBALAPTERYX NIGRIPUNCTATA.

Phibalapteryx nigripunctata, Warren, Proc. Zool. Soc. Lond., 1888, p. 328.
 Thundiani (Punjab).

8900B. PHIBALAPTERYX NIGROVITTATA.

Phibalapteryx nigrovittata, Warren, Proc. Zool. Soc. Lond., 1888, p. 327.
 Collection Swinhoe, Thundiani (Punjab).

FAMILY EUBOLIDÆ.

3902. *DOCIRAVA ÆQUILINEATA*.*Docirava æquilineata*, Walker.

Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Duntanar (Punjab).

3905. *DOCIRAVA UVARIA*.*Docirava uvaria*, Walker.

Warren, Proc. Zool. Soc. Lond., 1888, p. 330.

Thundiani, Berham Gully (Punjab).

3907A. *ANATIS EFFORMATA*.*Anatis efformata*, Guén., Phal ii, p. 500, (1857).

Walker, Cat. Lep. Het. B. M., xxv, p. 1444, (1862).

Warren, Proc. Zool. Soc. Lond., 1888, p. 331.

Collection Swinhoe, Nandar (Punjab), Syria.

Genus *Eubolia*.3911A. *EUBOLIA NASIFERA*.*Eubolia nasifera* Warren, Proc. Zool. Soc. Lond. 1888, p. 331.

Thundiani (Punjab).

FAMILY IDÆIDÆ.

3914. *IDÆA ACTUARIA*.

Collection Swinhoe, Nilgiri Hills.

3935. *IDÆA MUTANDA*.*Idæa inductata*, Walker, (*nom. prec.*).

Warren, Proc. Zool. Soc. Lond. 1888, p. 322.

Campbellpur (Punjab).

3939. *IDÆA LIGATARIA*.

Collection Swinhoe, Rangoon.

3948A. *IDÆA PALLIDA*.*Idæa pallida*, Warren, Proc. Zool. Soc. Lond. 1888, p. 322.

Thundiani (Punjab), Murree.

3947. [*Erase Idæa relicata.*]3952. *IDÆA WALKERI*.

Collection Swinhoe, Rangoon.

3953. CRASPEDIA ADDICTARIA.

In Phayre Museum (Rangoon) from Thyetmyo.

3958. CRASPEDIA PERSIMILIS.

Craspedia persimilis, Moore.

Warren, Proc. Zool. Soc. Lond. 1888, p. 320.

Kala Pani (Punjab).

3961. CRASPEDIA TURPISARIA.

Collection Swinhoe, Nilgiri Hills.

3968. PSEUDASTHENA GRATARIA.

Collection Swinhoe, Nilgiri Hills.

3983A. ASTHENA OCHRACEA.

Asthena ochracea, Warren, Proc. Zool. Soc. Lond. 1883 p. 321.

Thundiani (Punjab).

3987. ASTHENA URBICA.

In Phayre Museum (Rangoon) from Moulmein.

3991. TIMANDRA CONVECTARIA.

Collection Swinhoe, Rangoon.

3995. SOMATINA ANTHOPHILATA.

Collection Swinhoe, Raipur (Central Province-), Rangoon,
Moulmein.

4006. LUXIARIA EXCLUSA.

Collection Swinhoe, Rangoon.

FAMILY MICRONIDÆ.

4012. [*For* MICRONIA GRANNATA *read* M. GANNATA.]

4013. MICRONIA OBLIQUARIA.

Collection Swinhoe, Rangoon.

4016. STROPHIDIA FASCIATA.

Collection Swinhoe, Rangoon.

4023. ACROPTERIS VAGATA.

Collection Swinhoe, Andaman Islands, Rangoon.

GROUP PYRALES.

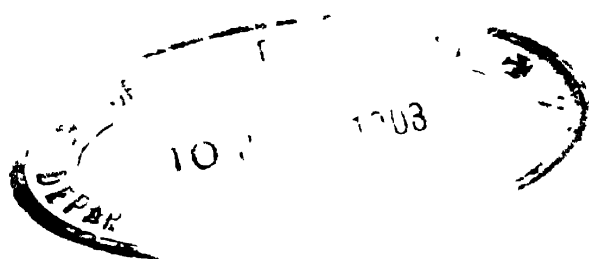
FAMILY HYDROCAMPIDÆ.

Genus **Mixophila.**

4438A. MIXOPHILA ERMINEA.

Crambus ermineus, Moore, Lep. Ceyl., iii, p. 380, p. 184, fig. 7, (1886).*Mixophila erminea*, Meyrich, Trans. Ent. Soc. Lond. 1887, p. 269.

Collection Swinhoe, Ceylon.



CATALOGUE
OF
THE MOTHS OF INDIA

CONTINUED BY
EDWARD C. SWINHURST, F.L.S., & L.S., &c.
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Part VII.—INDEX, &c.



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PREFACE.

THIS catalogue, which comprises all the known moths of the Indian region, including Burma and Ceylon, aims at being a handbook of reference for Indian naturalists who interest themselves in the moths of the country.

No pains have been spared in its compilation, which has taken more than three years to accomplish, but the work has presented exceptional difficulties owing to the fact that no satisfactory classification was in existence. Old authors were content to describe all Indian moths under the generic names of *Sphinx*, *Bombyx*, *Phalaena*, *Noctua*, &c., while hardly any two modern writers adopt one classification. The type specimens, from which the species were originally described, are mostly the property of museums and private individuals in Europe; working in India therefore, where it is impossible to examine these types, it has been necessary to adopt many species, which will probably prove, on further examination, to have been founded upon characters of too trifling a nature. It is hoped, however, that the errors and imperfections, which a work of this kind must necessarily contain, will not seriously detract from its usefulness.

The work is published by the Trustees of the Indian Museum, and the thanks of the compilers are also due to the following:—Mr. F. Moore, who has examined many types in the British Museum, determined specimens, and given his invaluable help in the revision of the whole catalogue; Mon. Eagonot, who has taken much trouble in revising and classifying the Crambites; and Lord Walsingham, who has given assistance and advice with reference to the Tortricæ.

INDIAN MUSEUM,
May 1889.

N.B.—References that are marked with an asterisk (*) in the catalogue have not been verified by the compilers.

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